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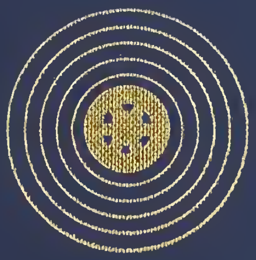
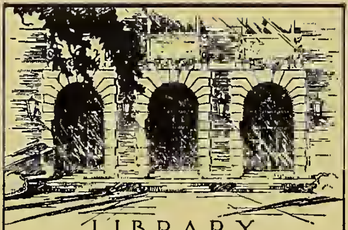


1956-1957 GUIDE TO
Audio-Visual Aids

University of Illinois • Division of University Extension



LIBRARY
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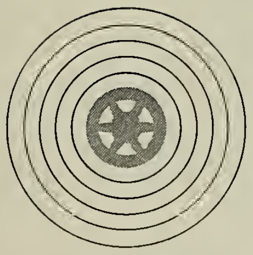

1956-1957 GUIDE TO
Audio-Visual Aids

University of Illinois • Division of University Extension

SCHOOLS
CHURCHES
COMMUNITY ORGANIZATIONS
INDUSTRIES
STUDY GROUPS
INDIVIDUALS
LIBRARIES

OFFICERS OF ADMINISTRATION, Division of University Extension

Robert Bell Browne, *Ph.D., Dean of the Division of University Extension and Director of the Summer Session*

Stanley Clay Robinson, *Ed.D., Assistant Dean of the Division of University Extension*

Neil Ford Garvey, *Ph.D., Director of Correspondence Courses*

Norman Johnson, *M.A., Director of Allerton House Extension Center*

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Scott Bennett York, *M.S., Supervisor of Extramural Classes*

Gerald Clayton Carter, *Ph.D., Supervisor of Counseling in Extension*

Paul Painter, *B.S., Director of Music Extension*

Donald Wilson Smith, *M.S., Supervisor of Audio-Visual Aids*

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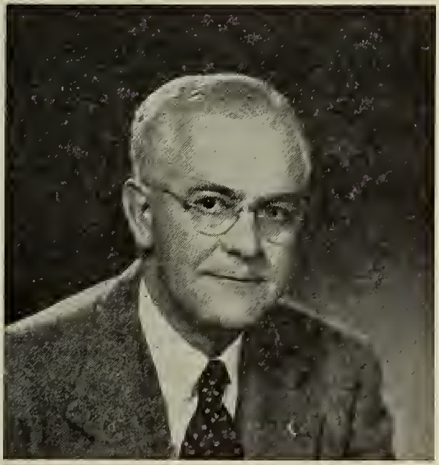

Robert B. Browne, DEAN OF EXTENSION AND DIRECTOR OF THE SUMMER SESSION

The Audio-Visual Aids Service was established in 1932, as a means of furthering the use of such aids in reinforcing the instructional programs of the schools of Illinois. This was at a time when the movement for using such aids was in its infancy. It resulted from requests by the school people themselves, who asked the University to create a lending library of educational films, slides, and recordings. The University entered upon this program with no intention of making a profit, but of using any receipts above operation costs for the enlargement of the collection and the strengthening of the Service; this we have done and will continue to do. The response, through the years, on the part of the school people has resulted in the first of such libraries in Illinois being the largest, and, I believe, the one of greatest usefulness.

Modern education is not limited to the schools alone, and the public libraries have become great borrowers of the Service, through the cooperation of the Illinois State Library. So, too, have adult education groups.

Mr. Smith and the members of the staff of the Service work very hard, indeed, to meet all the calls promptly and efficiently; and we are pleased by the ready willingness of most everyone to understand why booking requests cannot always be filled just as requested. The per cent of requests that are filled is very high.

I want to thank the many users of the Service who, unsolicited, have written me of their satisfaction with the Service.

All of us in the business of education must remain alert to discover the ways of using new tools in teaching and learning, so as to put them to their greatest usefulness. All of us have much yet to learn, but the motion picture, the recording, and other modern aids have demonstrated their values beyond dispute when properly used. Like the automobile, they are here to stay.

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Special Information

SPECIAL PROGRAMS

The Audio-Visual Aids Service will assist anyone planning to use films or slides for a meeting. An experienced Special Programs Consultant will advise in choosing films, getting equipment, and preparing program notes.

SCHOOLS

We will help arrange special programs for assemblies, school club meetings, or a planned series of educational films.

COMMUNITY GROUPS

Program chairmen of service clubs will find the Program Consultant ready to assist them in planning either a single program or a series, based upon films, slides, or transcriptions.

ACCOUNTS

To facilitate ease in the handling of accounts, the Accounting Department has asked us to make the following request of our patrons: If you order films only occasionally, and the amount of the individual order is under five dollars, please submit the correct amount of service charges with the order. Please be sure to include postage and insurance charges in accordance with the rate schedule in the section on ***General Instructions.***

Any out-of-state group may use the films *at the regular service charges.* Application should be made directly to Audio-Visual Aids Service, 203 Arcade Building, Champaign, Illinois.

SUGGESTIONS

The Audio-Visual Aids Service welcomes comments from the users of its service. Would you suggest:

1. New audio-visual materials which should be added to the loan collections?
2. Additional bibliographies which should be prepared?
3. Changes in the Index classifications?
4. Any other changes?

PUBLICATIONS

The following partial listing of books and magazines are recommended for reference.

Dale, *Audio-Visual Methods in Teaching.* New York: Dryden Press, 1947, revised 1954.

Kinder & McClusky, *Audio-Visual Reader.* Dubuque, Ia.: Wm. C. Brown & Co., 1954.

McKown and Roberts, *Audio-Visual Aids to Instruction.* New York: McGraw-Hill Book Company, 1942.

Blair, *Making Films Work for Your Community.* New York: Educational Film Library Association, 1600 Broadway.

Haas and Packer, *Preparation and Use of Visual Aids.* New York: Prentice-Hall, 1946.

National Society for the Study of Education, *Audio-Visual Materials of Instruction, 48th Yearbook,* Part I, 1948.

Wittich and Schuller, *Audio-Visual Materials, Their Nature and Use.* New York: Harper & Bros., 1953.

MAGAZINES

Educational Screen, 64 East Lake Street, Chicago, Illinois.

Audio-Visual Guide, 1630 Springfield Avenue, Maplewood, New Jersey.

Film World, 6060 Sunset Boulevard, Hollywood, California.

Hollywood Film Quarterly, University of California, 350 Royce Hall, University of California at Los Angeles, Los Angeles, California.

News Letter, Bureau of Education Research, Ohio State University, Columbus, Ohio. (Free)

Rushes, Film Council of America, 600 Davis St., Evanston, Illinois.

ORGANIZATIONS

Film Council of America, 600 Davis St., Evanston, Illinois.

Department of Audio-Visual Instruction, National Education Association, 1201 Sixteenth St. N.W., Washington, D. C.

Educational Film Library Association, 345 E. 46th St., New York 17, N. Y.

TIPS ON FILM CARE

The following tips on film care will help prolong the life of films and will make it possible to give better service to all patrons.

1. Clean projector film gate and all moving parts with which the film comes in contact before threading projector. Most film damage occurs because of scratching during projection.
2. Do not use sound films on a silent projector.
3. Turn some of the film through by hand (or with short starts) to check threading and to insure proper operation before running the film.
4. Let your fingers ride lightly on the film occasionally as it passes through the projector. If unusual noise or punctures in the film develop, stop projector immediately and rethread.
5. Stay by projector at all times when film is being projected.
6. If film breaks occur, return film with explanatory note which indicates section in which damage occurs. Under no circumstances should film be patched with pins, tape, or other materials.
7. Keep films away from excessive heat or moisture.
8. Do not splice films together to provide continuous shows. If this service is desired, make the request at the time film is booked.

General Information

DEVELOPMENT OF THE SERVICE

The Audio-Visual Aids Service began in 1932, as a depository for a few schools exchanging films cooperatively. The entire area occupied by the service was a cloak room in University High School. Within the next three years the Audio-Visual Aids Service had a rapid growth. As the cooperative arrangement and organization was suited to the use of only a few schools, it could not handle many additional patrons satisfactorily. Beginning in the fall of 1937 this cooperative feature was discontinued and film service was offered to schools on a rental plan which has proved more satisfactory to all concerned.

Since then, as a part of the Division of University Extension, and with the cooperation of hundreds of schools in Illinois and elsewhere, the Audio-Visual Aids Service has grown until it has become one of the largest Audio-Visual libraries in the United States.

In addition to being a depository of audio-visual materials, the Audio-Visual Aids Service is also a convenient source of information about the utilization and acquisition of the newer teaching devices. Recently, the service inaugurated a library of tape recordings. A listing of the titles of master tapes available for reproduction is included in this Guide. When patrons wish to take advantage of this service, they send a blank tape to the Audio-Visual Aids Service, specifying which master tape they wish to have reproduced. The master tape is recorded on the blank and the tape returned to the patron. For further information see the *Tapes for Teaching* section of this Guide.

We look forward to a continuation of the many pleasant associations we have had with schools, with civic organizations, and with just people.

KIND AND SIZE OF FILMS DISTRIBUTED

All films are of the 16 mm dimension. Most film subjects are on 16 mm sound film.

All films loaned by the Audio-Visual Aids Service are on cellulose acetate base which means the films are non-inflammable. Both color films and black and white films may be had on loan. **Sound films cannot be used on a silent projector.**

HOW FILMS MAY BE ORDERED

Films may be ordered by mail, phone, telegraph or in person. Order blanks for convenience in ordering films have been prepared by the Service. The blanks may be had on request.

Here are some suggestions which, if observed, will enable the Audio-Visual Aids Service to handle your order expeditiously.

1. **Order filmstrips, transcriptions, and tapes by the titles as they appear in our catalog. In the case of films indicate whether you want sound or silent, color or black and white films as sometimes the same title may be had in both versions.**
2. **If you have alternate dates on which you can use the film or films, be sure to indicate them.**
3. **Indicate clearly how long you want to use the film or films.**
4. **Order films under one name where possible. For example, several teachers in the same building or in several buildings of the same system might order all their films under the principal's or the superintendent's name or the name of the director of teaching materials.**

In general, films should be ordered as far in advance of the precise date of use as is possible. However, since we have a number of copies of many subjects, short notice requests are acknowledged promptly if at all possible.

WHO MAY RECEIVE FILM SERVICE

Any school — public, private, or parochial — in the continental United States is eligible to receive films on loan from the University, as well as any organization, church, club, union, or business in the continental United States. Films deposited in the library by the Civil Aeronautics Administration (marked CAA in the descriptions) may be mailed outside the United States.

The films marked "TFC, Restricted to Classroom Use" are leased by the University and under the terms of the lease the films may be loaned only where they will be used as a part of regular instruction. The cuttings from film classics based on literary classics (David Copperfield, Huckleberry Finn, etc.) can be loaned only for classroom use.

USE OF PRODUCERS' FILM GUIDES

Guides are shipped with films in some instances. The Audio-Visual Aids Service recommends that each school purchase the film guides wanted by the teachers direct from the film producer. The Audio-Visual Aids Service will gladly supply information to anyone as to availability of guides, names and addresses of producers and estimated costs of guides.

GENERAL REGULATIONS

1. Films and radio transcriptions are scheduled for one day's use only, unless a request is made for the use of the materials for a longer period of time. *Please note that materials may be ordered for one week without extra charge.* When permission is granted to hold films or radio transcriptions longer than one week, a fee for extra day's usage is charged in accordance with the extra day charge scale.

2. All materials should be returned immediately after scheduled showing. Materials kept longer than the allotted time cause the Service embarassment and the next patron inconvenience. Films or radio transcriptions kept overtime are charged for at the regular single rental rates. **Patrons are requested to give particular attention to the return of materials that may be in their possession on or immediately before holidays.**

3. Patrons are urged to be considerate of cancellations. Anticipation of scheduled holidays and careful planning of classroom work will help us to avoid withdrawing films from circulation for showing dates which will not be utilized by the patron booking the film. Cancellation cannot be made after the shipment has left the Audio-Visual Aids Service. All films which are reserved and not called for on the date specified will be charged as usual unless prior arrangement is made for cancellation.

4. Return shipping labels are sent with all shipments. Patrons are required to use these labels in returning materials to the Audio-Visual Aids Service.

5. The patron is responsible for materials from the time such materials arrive until their return to the Audio-Visual Aids Service. The Service inspects all materials immediately after their re-

turn and maintains a record of the condition as received. Should any material be damaged when received by the patron, a report should be made immediately to the Audio-Visual Aids Service. Lost films will be charged to the patron at the rate of actual cost of replacement.

PRACTICE FILMS

Visual Aids will furnish practice films that you may retain in training operators. There will be a $1.00 charge for a 200- to 400-foot roll of film mounted on a reel. This charge includes postage.

SERVICE CHARGES

All films have service charges varying from postage only to as much as $20.00 in the case of several very expensive films. The service charge is given wtih each film description.

A postage and insurance charge of $.15 per film will be added to all service charges (except in the case of films available for postage or handling charges only, or in occasional cases where the sponsor of a film bears postage expense). The term "insurance" refers primarily to insurance against loss in the mails. It is therefore unnecessary to insure return shipments, unless you so desire.

For those films in our catalog which are listed for postage only, a minimum charge of $.50 will be made for each film. We are unable to keep postage accounts because of the costs involved. We shall be glad to ship those films without any additional charge via express collect. Unless specified, such films will be sent parcel post and the minimum charge will apply.

The service charge rates listed with the descriptions are for one to five day's use; or one school week. Saturdays, Sundays and holidays are not included. *All films are scheduled for one day unless specifically requested for longer periods.*

For film use beyond the basic one- to five-day period, the following schedule of rates applies: If films are requested on a daily basis (i.e., one, two, or three days beyond the basic rental period) these charges are also the overtime charges that will be assessed for each day that films are held beyond scheduled use periods. Shipping time is not included.

Service Charge Rates	*Extra Day Charges*
to $1.50	$ .35
$1.51-$3.00	.60
$3.01-$4.50	.80
$4.51 up	1.00

If films are requested on a weekly basis (i.e., one or two weeks beyond the basic rental period).

One week beyond basic period (Two total weeks' use)	1.5 times the catalog rate
Each additional week	.5 times basic catalog rate

For example, if a film is listed in the catalog as $1.50 for one to five days' use, the charge for seven school days would be $2.20 — $1.50 plus $.35 for each of two additional days. The film might, however, be rented for two full weeks for $2.25; the basic rate of $1.50 times 1.5.

Service charges are subject to change. We will make every effort to see that patrons are notified of changes, but cannot guarantee that such notification will reach all patrons before the changes become effective.

In the event of postal rate increases, the postage and insurance charge will be raised to $.25.

When requested, films will be spliced together on one reel for programs. Charges for this service is $.25 per film.

CLUB PLANS

Whatever your needs, you can now pay a flat rate for your entire film program and receive the same prompt, efficient service on all films.

Following are our Club Plan rates. *These Club rates are flat rates. There are no additional postage, insurance or handling charges.*

No. of reels	*Club rates*
50 reels	$ 70
100 "	135
200 "	275
300 "	410
400 "	550
500 "	675
600 "	825
700 "	900
800 "	1,000
900 "	1,125
1,000 "	1,250

We will continue to use the regular producer's procedure of considering each 400 feet, or approximately 11 minutes, of film as one reel. Fractions of reels will count as full reels; for example, both a 15 minute film and a 22 minute film will be considered as two reels. Color will count double. If you wish to borrow deposited films which regularly have $1.00 handling charges, each will be classed as one reel, no matter what their length, or whether they are black and white or color.

Compute the number of reels you will use, using our film guide or the H. W. Wilson Co. guide to determine running times and reel count. Then use the accompanying table to determine your *full film cost for the year.*

If your needs fall between the figures listed in the table; for example, 52, 105, or 207 reels, the additional films will be pro-rated on a single reel basis. For example 100 reels are $135.00. This is $1.35 per reel. If your request totals 110 reels, the additional ten would be 10 x $1.35, or $13.50.

You must subscribe in advance to this Club Plan. Payment, however, may be made when most convenient within the fiscal year.

Also, if you wish to borrow a film which is 3 reels color, and has a regular service charge of $5.20, it will be counted as 5 reels, not 6. This will prevent Club Plan patrons from losing on longer color films.

The Club Plan cannot be used on tape recordings, filmstrips, or on the several Disney films ("Seal Island," etc.) in the library.

CARTOONS

You will find various cartoons listed throughout this catalog. New cartoons are constantly being added to the service. We can provide a program of cartoons to fit your requirements.

NOON-HOUR MOVIES

We can provide noon-hour movies of cartoons and shorts to fit your requirements.

20 minute reel	$2.35
30 minute reel	3.35
40 minute reel	4.35
One hour (2 1200-ft. reels)	5.35

CHRISTMAS FILMS

You will find films for Christmas programs located throughout this catalog. The Visual Aids Service is constantly adding additional copies of existing Christmas films and also new releases. However, you are urged to order such films early. All Christmas films have a basic rental period of one day. The weekly rate is double the one-day rate.

All Christmas films will be sent special delivery and you are requested to return them special delivery. Delay may disappoint others.

PARCEL POST RATES

Educational motion pictures may now be mailed at the same rate as formerly applied to books.

If you are mailing films to the Visual Aids Service, or receiving films from the Service, the following rates apply:

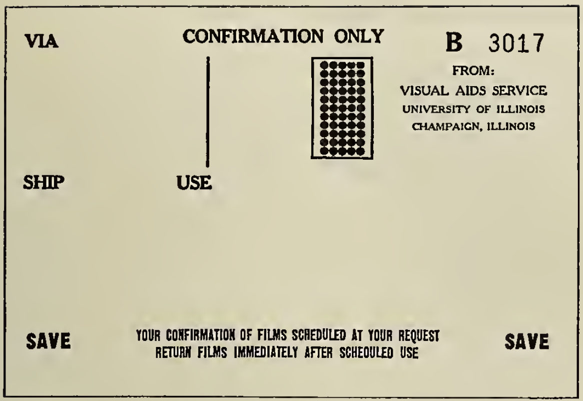
1. Zones one, two, or three, or within the state in which mailed: 4 cents for the first pound, 1 cent for each additional pound or fraction thereof. Packages must be marked "Sec. 34.84(e) P.L.&R."

2. Anywhere in the United States, beyond the third zone, or beyond the state in which mailed: 8 cents for the first pound, 4 cents for each additional pound or fraction thereof. Packages must be marked "Sec. 34.84(h) P.L.&R."

TV USAGE

Most of the films in this Guide cannot be used for television purposes without the written permission of the copyright owners. There are a few exceptions to this rule. Write us for a special listing of our films which may be televised.

Our Confirmation form is shown on the next page. You receive one or more of these forms each time you borrow materials from our library. MATERIALS SHOULD NOT BE CONSIDERED BOOKED UNTIL CONFIRMATIONS ARE RECEIVED, AND ALL CONFIRMATIONS SHOULD BE CHECKED CAREFULLY AND SAVED at least until the shipment has arrived, preferably until you have been invoiced for the materials. If you do not receive Confirmations



VIA

CONFIRMATION ONLY

B 3017

FROM:
VISUAL AIDS SERVICE
UNIVERSITY OF ILLINOIS
CHAMPAIGN, ILLINOIS

SHIP

USE

SAVE

YOUR CONFIRMATION OF FILMS SCHEDULED AT YOUR REQUEST
RETURN FILMS IMMEDIATELY AFTER SCHEDULED USE

SAVE

within ten days of placing your requests, please notify us.

The purpose of most of the features of this Confirmation are obvious to the casual observer. In the upper hand portion, to the left and right of the vertical line, are typed the title or titles, and rack-file numbers of materials ordered. Below this are placed the ship and use dates, below these is the patron's address.

One or two features of the form are not as obvious. The blocked-out area to the right of the place where titles are typed is where our typists put the amount of the service charge for the material. This is blocked out because of the fact that figures typed here sometimes were confused by post-office employees with street numbers, C.O.D. charges, special handling charges, etc. If you wish the amount of each service charge on your Confirmations, we shall be happy to write these charges in. It has not been found to be necessary very frequently in the past as patrons always receive itemized statements of materials used and charges with invoices.

The red number in the upper right corner of the form is the order number. IF THIS NUMBER IS REFERRED TO IN TELEPHONE CALLS OR CORRESPONDENCE, IT WILL MEAN A TREMENDOUS SAVING OF TIME FOR OUR OFFICE STAFF. All shipping tickets, invoice tickets, and order labels are filed according to this number.

Attention to these facts will result in better service for you.

INDEX

The classified index of films is being published separately from this descriptive listing. The increased size of the Visual Aids library and high printing costs have made publication of the catalog quite expensive. The classified index by itself, however, can be printed fairly inexpensively. We can, therefore, furnish the index free of charge.

This plan, we believe, will make it possible to furnish school systems with one or two copies of descriptive listings, and larger numbers of indexes. It will in this way enable school systems to make information on available films readily accessible to all teachers, at the same time keep expenses to a reasonable figure.

Please contact us for the amount of additional indexes you need.

POLICY ON LATE RETURNS

Our shipping department has instructions to ship all materials at least one day ahead of scheduled shipping dates. In the event some materials are held overtime by previous users, we will not cancel the order completely but will send the materials late to the next patron. Use dates are to be changed on the order and *plenty of time is to be allowed the next patron to make adequate use of the material.*

In this way, we hope to better serve our patrons. If complete cancellations are made, patrons are disappointed when it is then found that subjects are not available when reordered.

If the materials sent to you are too late to be of use, please *return them with a letter explaining* that they could not be used. Charges will then be cancelled. We will of course not send materials late when they are for specific program dates.

SHOULD FILMS BE RETURNED BY PARCEL POST OR EXPRESS?

Parcel post charges for transporting films are much less than express charges. However, there is often some local reason which leads a patron to request that all shipments to and from the patron be made by express. All transportation charges are at the expense of the borrower.

INDEX TO ABBREVIATIONS

Film descriptions employ standard abbreviations as follows:

general — Suitable for general audience use
p — Suitable for primary grades
i — Suitable for elementary school use
j — Suitable for junior high school use
h — Suitable for senior high school use
c — Suitable for college or university use
a — Suitable for use with adults
$0.00 — Indicates the service fee for use of the film. See section dealing with terms of use and fees for further information.

HOW TO READ FILM DESCRIPTIONS

The film descriptions beginning on page 17 take the following form:

GOOD SAMARITAN (RFA)

The parable of Jesus, enacted by puppets, and adapted for children.
p-i-j 14 minutes $5.00

The abbreviation following the title of the film refers to the producer. A listing giving the full names of the producers is found on pages 559-569. If the film is in color or restricted to classroom use, it is so noted immediately after the abbreviation for the producer.

The index to abbreviations listed in the preceding section refers to the audience of a particular film. These abbreviations are found in the bold line at the end of the listing, preceding the length of the film. In choosing a film, these audience abbreviations should be closely checked to be sure that the film will appeal to the correct audience level.

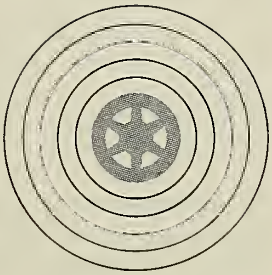
HOLIDAYS — 1956

New Year's Day	Sunday, January 1
Lincoln's Birthday	Sunday, February 12
Ash Wednesday	Wednesday, February 15
Washington's Birthday	Wednesday, February 22
St. Patrick's Day	Saturday, March 17
Good Friday	Friday, March 30
Easter Sunday	Sunday, April 1
Memorial Day	Wednesday, May 30
Independence Day	Wednesday, July 4
Labor Day	Monday, September 3
Jewish New Year	Thursday, September 6
Jewish Yom Kippur	Saturday, September 15
Columbus Day	Friday, October 12
Armistice Day	Sunday, November 11
Thanksgiving Day	Thursday, November 22
Christmas	Tuesday, December 25

HOLIDAYS — 1957

New Year's Day	Tuesday, January 1
Lincoln's Birthday	Tuesday, February 12
Washington's Birthday	Friday, February 22
Ash Wednesday	Wednesday, March 6
St. Patrick's Day	Sunday, March 17
Good Friday	Friday, April 19
Easter Sunday	Sunday, April 21
Memorial Day	Thursday, May 30
Independence Day	Thursday, July 4
Labor Day	Monday, September 2
Jewish New Year	Thursday, September 26
Jewish Yom Kippur	Saturday, October 5
Columbus Day	Saturday, October 12
Armistice Day	Monday, November 11
Thanksgiving Day	Thursday, November 21
Christmas	Wednesday, December 25

Description of Sound Films



FOR FEES, RULES,
AND SUGGESTIONS
SEE PAGES 7-14

The photographs appearing in this film guide have been used through the courtesy and permission of the following individuals and organizations.

ALAN SHILIN PRODUCTIONS, INC. — PAGE 270
AMERICAN FOREST PRODUCTS INDUSTRIES, INC. — PAGE 71
ARTKINO PICTURES, INC. — PAGE 78
BRANDON FILMS, INC. — PAGE 78
CHURCHILL-WEXLER FILM PRODUCTIONS — PAGE 22
CORONET INSTRUCTIONAL FILMS — PAGES 145, 249, 292, 311
EASTIN PICTURES COMPANY — PAGE 89
ENCYCLOPAEDIA BRITANNICA FILMS, INC. — PAGES 28, 34, 52, 195, 215, 277, 285
FOGE FUJIHIRA — PAGE 270
FORD MOTOR COMPANY — PAGE 182
GRANDMA MOSES PROPERTIES, INC. — PAGE 177
McGRAW-HILL TEXT FILMS — PAGES 40, 96, 110, 124, 162, 169, 209, 230, 243
THE MUSEUM OF MODERN ART FILM LIBRARY — PAGE 256
NATIONAL EDUCATION ASSOCIATION OF THE UNITED STATES — PAGE 131
THE RELIGIOUS FILM ASSOCIATION, INC. — PAGE 117
J. NELSON SPAETH — PAGE 188
TEACHING FILM CUSTODIANS, INC. — PAGES 298, 304
UNITED WORLD FILMS, INC. — PAGES 46, 138, 236

A IS FOR ATOM (GE)

An explanation is given in simple terms of what an atom is, how energy is released from certain kinds of atoms, and the peacetime uses of atomic energy and the by-products of nuclear fission.

j-h-c-a 15 minutes $1.00

À PARIS (IFB)

Glimpses of the cultural life, business and trade, and the various neighborhoods of the city of Paris.

h-c-a 18 minutes $2.65

A PLUS B SQUARED (IFB)

Explains and demonstrates basic algebraic multiplication and addition.

j-h 10 minutes $1.85

ABC OF G, THE (CAA, Color)

Presents the problems of high acceleration and its physical effects on pilots; studies the effect of G on the pilot in different flights; demonstrates the accelerometer and the centrifuge; gives some suggestions for advancing the blackout threshold.

h-c 19 minutes handling charge $1.00

ABC OF HAND TOOLS (GM, Color)

Part 1: The use and care of the hammer, screw driver, pliers and wrench (18 minutes).

Part 2: Shows the proper use of the file, saw, chisel, plane and punch.

j-h-c-a 36 minutes $3.35

ABC OF INTERNAL COMBUSTION (GM, Color)

Shows, with animated cartoon characters, how the three basic ingredients — air, fuel, and ignition — work together to create power in the internal combustion engine.

j-h-c 13 minutes $3.35

ABC OF POTTERY MAKING (Coil Method) (BFS)

Some of the common tools used, thorough wedging of the clay, and rolling the coils. Detailed demonstrations of forming the base, applying the coils, blending one coil into another, shaping on the potter's wheel, and smoothing with wet sponge.

i-j-h-c 9 minutes $1.85

ABC OF PUPPETS: MAKING OF PUPPETS (BFS)

Type I: The making of a puppet with light cardboard and glue, cotton head filler, face detail, hair, dress, etc.

p-i 10 minutes $1.85

ABC OF PUPPETS: PUPPET FACE AND PLAY (BFS)

Type II: Differ from Type I in that they have faces with built-up features — otherwise they are alike. The process of making the face of wire and paper mache and painting it is demonstrated. A simple puppet theatre is shown in the course of construction. A short play, using the characters of Hansel and Gretel is produced.

p-i 10 minutes $1.85

ABC OF SKI (UPRC)

Shows the sport of skiing being taught by the competent instructors of the Sun Valley Ski School.

h-c-a 14 minutes $2.65

ABC OF THE AUTOMOBILE ENGINE (GM, Color)

An animated film explaining the parts and workings of the automobile engine. The 3 basic ingredients that make an engine operate — air, fuel, and ignition — are personified as cartoon characters. The function of the carburetor, piston, piston rings and pins, connecting rods, crankshaft, valve mechanism, ignition, cooling and lubrication systems are shown.

j-h-c-a 18 minutes $3.35

ABC OF THE DIESEL ENGINE (GM, Color)

An animated film showing the fundamentals of the operation of a diesel engine. Air, fuel and ignition are personified as cartoon characters. Examples of the use of the engines as a source of power in industry and transportation are given.

j-h-c-a 20 minutes $3.35

ABC'S OF BEEF COOKERY (ASF, Color)

Illustrates techniques of preparing rib roast, pot roast, sirloin steak, beef stew, and hamburgers.

h-c-a 14 minutes $3.50

ABC'S OF DECORATING YOUR HOME (BHG, Color)

Presents the answers to home decorating and furnishing problems.

h-c-a 30 minutes $8.35

ABOUT MONEY (CHP, Color)

Demonstrates the proper ways for spending an allowance. Narrated by a boy of eight or nine who also explains to his small sister the sources of his personal funds and what he does with them.

i 10 minutes $2.70

ABRAHAM AND ISAAC (UW, Color)

Portrays the story of the father and son including the trip over the desert to the place of the offering, preparation of the sacrifice, the voice from on high, and the final reverent services. Narration is from the 22nd chapter of Genesis.

i-j-h 14 minutes $4.25

ABRAHAM LINCOLN (EB)

Re-enacts incidents in Lincoln's life which characterize him as an outstanding exponent of human freedom. Traces interesting events of his early boyhood which reveal his unforgetable qualities of integrity, humor, common sense, and tenderness. Points to his several roles as store clerk, woodsman, lawyer, husband, father, congressman, and President. Associates familiar Lincoln quotations with the incidents which prompted them.

j-h-a 22 minutes $2.65

ABRAHAM LINCOLN, A BACKGROUND STUDY (C)

The background of Lincoln's life is revealed through the use of pictures of reconstructed areas frequented by Lincoln, pictures of public buildings associated with Lincoln, pictures of Lincoln statues and shrines, and maps showing the growth of the United States during his life. Effective narration serves to give insight into the great man's life and provides an excellent introduction to the study of Lincoln's life and times.

j-h 16 minutes $2.25

"ACCENT AIGU": AU RESTAURANT (IFB)

Marcel and Jacqueline call for Bill and Betty, to take them out to dinner in Paris. At the restaurant they order their meal, listen to music, and make plans to go to the theater afterwards. They talk of the voyage Bill and Betty have made from America to France, and plan things to do in France. French commentary and dialogue.

h-c-a 11 minutes $1.85

"ACCENT AIGU": L'ARIVEE A PARIS

Shows Bill Johnson and his sister Betty as they land at LeHavre, France, take the boat to Paris, and go to the cité universitaire to live. They meet Marcel, a friend of Bill's and plan to go to dinner with him and Jacqueline, Marcel's friend. The porter takes Bill to his room and makes sure he is satisfied with it. French commentary and dialogue.

h-c-a 12 minutes $1.85

"ACCENT AIGU": COURSES ET ACHATS (IFB)

Shows Marcel advising Bill where to go to do his shopping in Paris. Bill, taking the bus, goes first to the barbershop for a haircut, then to several stores. When he returns he shows Marcel what he has bought. French commentary and dialogue.

h-c-a 12 minutes $1.85

ACCENT ON LEARNING (OSU)

"What is teaching?" is the question asked and explained in this film. It stresses the necessity of a variety of teaching tools and techniques. Essentially a film for teachers, it offers many useful suggestions. Audio-visual aids are strongly recommended and demonstrated in actual classroom situations.

c-a 33 minutes $3.70

ACCENT ON USE (NFI)

The part played by physical therapy in restoring patients to health is shown.

h-c-a 20 minutes $2.65

ACCIDENT BEHAVIOR (PRP)

Explains a step by step procedure to follow when involved in an accident. Shows care of the injured; hazards of fire; legal responsibilities, and many other phases of accident behavior.

i-j-h-c-a 20 minutes $2.65

ACCORDING TO PLAN: INTRODUCTION TO ENGINEERING DRAWING (McGH)

This film aims to help the beginning student get started on the right track in his thinking about engineering drawing. Other titles in this series are: AUXILIARY VIEWS: DOUBLE AUXILIARIES, AUXILIARY VIEWS: SINGLE AUXILIARIES, DRAWINGS AND THE SHOP, ORTHOGRAPHIC PROJECTION, SECTIONS AND CONVENTIONS, AND SELECTION OF DIMENSIONS.

c 9 minutes $1.50

ACCOUNTING — THE LANGUAGE OF BUSINESS (ASF)

Illustrates the significance of public accounting in modern business by specific cases in which a CPA helps to solve practical problems for his clients.

j-h-c-a 20 minutes $2.65

ACCOUNTING AND CALCULATING MACHINES (TAE)

An animated sequence compares hand bookkeeping and machine accounting methods. Then the various types of modern accounting machines are shown.

h-c-a 10 minutes $1.85

ACE IN THE HOLE (UW)

Woody Woodpecker has decided that he wants to be a flyer. He finally gets his wish — not quite like he expected.

general 8 minutes $1.00

ACHIEVEMENT IN THE AIR (CAA)

Depicts the latest British aircraft developments, both military and civilian, displayed at the Farnborough Air Show.

j-h-c-a 11 minutes Handling charge, $1.00

ACROBATICS (CAA)

Shows briefly a duel between two fighter planes. Shows how the controls of a plane operate and their effect on the altitude of the plane. Demonstrates the use of controls on a slow roll, loop, snap roll, half roll and reverse, vertical reverse, and Immelman turn.

c-a 19 minutes Handling charge, $1.00

ACT YOUR AGE (C)

Students will see here some of the more common types of "infantile reactions" — temper, weeping, inability to "take a joke" as well as other forms of emotional immaturity. And, having seen examples of these traits, they'll see the basic reasons for the continuance of these common signs of emotion into adolescence. To help overcome the social handicaps that come with inability to "grow up," the film offers a method of self-evaluation.

j-h-c 16 minutes $2.25

ACTING PROBLEMS (IFB)

Adaptation of Mark Twain's "Tom Sawyer" serves as an illustrative example of improvisation, character development, and tempo-rhythm.

h-c-a 10 minutes $1.85

ACTIVITY GROUP THERAPY (CU)

For over two years, hidden cameras and microphones recorded the development in activity-group therapy of a group of emotionally disturbed and socially maladjusted boys, ages 10-11. Shows the therapeutic situation and the variety of relationships within the group, the spontaneous constructive and destructive tendencies of the boys, the role of the therapist, and the gradual improvement in the personalities of the boys. *Restricted to Professional Audiences.*

c-a 50 minutes $7.50

ACTIVITY SPORTS: ATHLETIC ITEMS (RKO)

An endless variety of sports on the Florida beaches — beach handball, fishing, diving, boating and girls' baseball.

h-c-a 20 minutes $2.65

ACTIVITY SPORTS: CO-ED SPORTS (RKO)

Women's sports at Stanford University — archery, fencing, swimming, golf and modern dance.

h-c-a 20 minutes $2.65

ACTIVITY SPORTS: CRUISE SPORTS (RKO)

Sports created especially for shipboard play — deck games, shuffle board, swimming, promenading, and dancing.

h-c-a 20 minutes $2.65

ACTIVITY SPORTS: PAST PERFORMANCES (RKO)

A motion picture record of championship sporting events at the turn of the century — old time football, former boxing champions, auto racing and track.

h-c-a 20 minutes $2.65

ACTIVITY SPORTS: PUBLICITY SPORTS (RKO)

Miami and its novelty sports such as skiing on the sand, tub racing, speedboats, bicycling, archery, tennis, golf and horse racing.

h-c-a 20 minutes $2.65

ACTS OF COURTESY (YA)

Shows the relationship between courtesy and our laws and customs, and explains that courtesy is the something extra you do to show your regard and respect for others.

i-j 10 minutes $1.50

ADAN OF THE ANDES, PERU (WHF)

Adan, a Peruvian Indian youth, lives three miles up in the Andes mountains. After his father is killed in a mountain accident Adan leaves home seeking a way to help his neglected people. Solving this problem he finds a new way of life. Filmed against the fabulous city of Cuzco, Inca capital and stronghold of the Conquistadores, as well as many other scenic places in the Peruvian Andes.

h-a 30 minutes $3.70

ADDITION IS EASY (C)

What is addition? How is it done? Billy needs to buy a set of paints but he wants to buy a baseball bat too. Has he enough money for both in his own bank? This simple and effective film lesson establishes the basic concepts and demonstrates the methods of addition which are all-important to a solid foundation for the study of mathematics. For other film in this series, see Subtraction Is Easy.

p 10 minutes $1.50

ADDRESSING ENVELOPES (BEF)

Teaches, by systematic repetition, the correct procedure for addressing envelopes.

j-h-c-a 12 minutes $1.85

ADJUSTMENTS AFTER CHECK FLIGHT (CAA)

Shows some causes of nose-heaviness, tail-heaviness, yawing, torque tendency, rough propeller, and ground looping; how to determine the particular cause of these troubles; and how to make the necessary adjustments.

h-c-a 19 minutes Handling charge, $1.00

ADMINISTRATION OF PROJECTIVE TESTS (PSC)

The examiner's introductory remarks explain the theory of projective tests. A representative client is then introduced and shown as he undergoes examination by thematic appreciation, word association, sentence completion, free-drawing on the Szondi test.

c-a 19 minutes $3.50

ADOBE VILLAGE — MEXICO VALLEY (UW)

This film lesson vividly illustrates how areas colonized by Spanish peoples in the Western Hemisphere are characterized by much "blood-blending" and have developed a maize culture with life centered in the village, especially in the church of the village. The central plateau of Mexico well illustrates this geographic principle. Here one finds a mixture of Indian and Spaniard Blood (mestizos). The peasants are seen practicing a maize culture (mostly a hoe-culture). Their life is centered in the market town, and they are particularly close to their church.

i-j-h 22 minutes $3.00

ADOLESCENT DEVELOPMENT SERIES: AGE OF TURMOIL (McGH)

Illustrates the behavior that reflects the emotional turmoil of the early teen-ager — giggling, destructive criticism of school, unrealistic ideas of their own future, etc.

c-a 20 minutes $2.65

ADOLESCENT DEVELOPMENT SERIES: MEANING OF ADOLESCENCE (McGH)

An overview of the social, emotional, mental and physical changes which occur in the adolescent between childhood and adulthood, with suggestions on how adults can help them in their adjustment.

c-a 16 minutes $2.65

ADOLESCENT DEVELOPMENT SERIES: MEETING THE NEEDS OF ADOLESCENTS (McGH)

Depicts a family that includes a boy of 14 and a girl of 17. Shows how their physical, mental needs are met, how they are guided in their spiritual growth, and how parents can develop their social consciousness.

c-a 19 minutes $2.65

ADOLESCENT DEVELOPMENT SERIES: PHYSICAL ASPECTS OF PUBERTY (McGH)

Explains the psychological aspects of puberty, chiefly with the use of animation, and shows the problems of social adjustment and behavior that may accompany them.

h-c-a 19 minutes $2.65

ADOLESCENT DEVELOPMENT SERIES: SOCIAL-SEX ATTITUDES IN ADOLESCENCE (McGH)

Shows how teen-agers meet, and are helped to meet, the problems in becoming aware of and adjusted to the opposite sex. Takes a boy and girl through their entire adolescent experiences, culminating with their marriage.

h-c-a 22 minutes $2.65

ADULT EDUCATION (UW)

Shows how evening classes bring adults of Bryant School, Woodside, Long Island, personal satisfaction. Also opportunity for economic advancement, enabling them to contribute to community life.

h-c-a 22 minutes $2.65

ADVANCE IN AFRICA (SBC)

Shows what is being done by the Southern Baptist missions in Nigeria, as seen through the eyes of a missionary doctor on a six month tour of inspection.

j-h-c-a 22 minutes $2.65

ADVANCE IN SOUTH BRAZIL (SBC)

The dramatic story of the impact of mission program in South Brazil on the lives of a young couple in Rio de Janeiro, Rev. and Mrs. David Gomes are seen during their early lives and before their conversion. The film portrays their needs and futile dreams. They discover the resources of the Gospel and gradually come to know salvation and to find their place in the Kingdom.

h-c-a 30 minutes $2.65

ADVANCED MANEUVERS (CAA)

The following maneuvers are illustrated: stalling, spinning, flying a steep turn, mushing, ground looping, spirals and acrobatics.

j-h-c-a 10 minutes Handling charge, $1.00

ADVANCED TENNIS (BFS)

Bill Tilden reviews tennis fundamentals and continues to advanced techniques. Demonstrations and illustrations of net game, footwork, smash, service, and volley are photographed from front, back, side, and overhead to allow study from every angle.

j-h-c-a 11 minutes $1.85

ADVANCED TUMBLING (C)

Demonstrates the more difficult stunts. See Beginning Tumbling.

j-h-c 10 minutes $1.85

ADVANCED TYPING — DUPLICATING AND MANUSCRIPT (UW)

Demonstrated in this film is the proper method of making masters for duplicating machine use, correcting mistakes on a stencil, the use of the illuminated drawing board for tracing lines, making hectograph masters, correcting mistakes when using hectograph ribbons or carbon, use of the electomatic hectograph machine, use of various types of duplicating machines, and typing manuscripts with footnotes. Centering on the typewriter, improvising characters or marks that do not appear on the typewriter, and reading proofreader marks are also explained.

h-c 25 minutes $3.70

ADVANCED TYPING — SHORTCUTS (UW)

The importance of good posture and having your equipment arranged is stressed along with demonstrations on how to use the tab stops, tab bar, and decimal tabulator key. How to handle carbon packs; use the pressure indicator; make proper erasures; insert missing words and letters; remove extra words and letters; type cards, envelopes and labels; and draw vertical and horizontal lines are also shown.

h-c 35 minutes $3.70

ADVENT OF ANESTHESIA (MCC)

Before anesthesia, major operations were crude and hurried because of the intense suffering of the patient. The film shows a re-enactment of the first public demonstration of the use of anesthesia, in Massachusetts in 1846. Ether was used on this occasion to render the patient unconscious and keep him from suffering pain. A new era in surgery was born.

h-c-a 8 minutes $1.50

ADVENTURE AHEAD (SC)

A "Trailer Travelogue" featuring Grand Tetons, Brice Canyon and Yellowstone National Park.

i-j-h-c-a 22 minutes $2.65

ADVENTURE OF JUNIOR RAINDROP (UW, Color)

Shows the need for everyone to be informed on good watershed management. Raindrops, like children, become delinquent and lawless. The animation is supplemented with live action scenes showing contrasting results of poor and good watershed management.

i-j-h 8 minutes $2.00

ADVENTURES IN RESEARCH (WE)

Explains and demonstrates the different kinds of vacuum tubes, including x-ray, "pinhole" detector, stroboscope, and electric eye.

h-c-a 20 minutes Handling charge, $1.00

ADVENTURES IN TEACHING (H, Color)

Three high school teachers learn about teaching by meeting student teachers in the municipal colleges of New York City, by visiting college classrooms where the "teachers-to-be" are studying subject matter and instruction technique, and then watch these student teachers working with the children in the public school.

j-h-c-a 25 minutes $8.00

ADVENTURES OF BUNNY RABBIT (EB)

The characteristics and habits of rabbits in their natural environments are presented in a dramatic, information type of film. The film sequence follows: Mother Gray Rabbit with her newly born young in their burrow; Mother Rabbit feeding; White Rabbit from the farm visiting Gray Rabbit; Fox pursuing Gray Rabbit to burrow; Fox unable to get into burrow; Bunny's experiences with Frog, Squirrel, and Turtle in woods; Bunny's experiences on the farm with Cows, Chicks, Puppies, Turkeys; Bunny finds lettuce in greenhouse; farmer puts Bunny into doll house; Bunny runs back to woods.

p-i 11 minutes $1.50

ADVENTURES OF HUCKLEBERRY FINN (TFC, Restricted to Classroom Use)

A school abridged version of the feature-length dramatization of Mark Twain's book.

i-j-h-c 40 minutes $5.00

ADVENTURES OF WILLIE SKUNK (YA)

Willie is one of a family of five baby skunks who go out with their mother to find food one day. They run into all sorts of adventures, including a curious cow that Willie frightens away by using his "squirt guns" on her. Two children, Bobby and Jane, find Willie far from home and by being very slow and careful they succeed in picking him up without frightening him. Then they take him home.

p-i 10 minutes $1.85

ADVENTURES WITH ANDY (NYZ, Color)

Some episodes in the life of Andy, a baby orangutan at the Bronx Zoo in New York City.

p 10 minutes $2.70

ADVENTURING PUPS (YA)

The story of three beagle puppies and their adventures on the farm and in the woods. Serves to stimulate observation by the pupil and introduces him to the characteristics and actions of dogs and several other animals of the woods and farm.

p-i-j 8 minutes $1.85

AERIAL NAVIGATION: AIRWAYS FLYING (CAA)

Explains the procedures for flying along the Civil Airways. Includes scenes of operations at Air Traffic Control Center and Tower. The meaning of green, amber, red and blue airways is explained. Recommended procedures to follow when navigation instruments fail are discussed as well as the rules for approaching and leaving airports.

h-c-a 28 minutes Handling charge, $1.00

AERIAL NAVIGATION: DEAD RECKONING PROCEDURE (CAA)

Demonstrates the procedure involved in a typical navigation training mission by dead-reckoning, and explains the use of the various instruments.

c-a 26 minutes Handling charge, $1.00

AERIAL NAVIGATION — MAPS AND THE COMPASS (UW)

An over-all view is presented of the various types of map projection; and the advantages and disadvantages

Squeak the Squirrel

Were you ever curious about the psychology of a squirrel? Humorous presentation of the learning process of a ground squirrel.

15 MINUTES RUNNING TIME **$4.25 PER WEEK**

of each are compared and contrasted. Animated maps and commentary are combined to explain gnomonic projection, Mercator projection, and Lambert conformal projection. The advantages and disadvantages, in terms of their usefulness, are discussed and illustrated by maps.

h-c 11 minutes $1.50

AERIAL NAVIGATION: RADIO AIDS (CAA)

Explains the operation of the radio range; and the nature of the radio beam. The cone of silence, false cone, marker, and the interpretations of the sounds used in aerial navigation are also discussed as well as the utilizations of weather reports, radio compasses, directional antenna, and the automatic compass.

h-c-a 28 minutes Handling charge, $1.00

AERIAL NAVIGATION: RADIUS OF ACTION (CAA)

Describes solution of three problems in radius of action navigation: returning to the same or a moving base, and returning to an alternate base. Explains the basic formula for determining time of flight out.

h-c-a 10 minutes Handling charge, $1.00

AERIAL PHOTOGRAPHY — PART I — INTRODUCTION — AERIAL CAMERA TYPES (CAA)

Shows the K3B, and K12 aerial cameras, demonstrates how to prepare the aerial camera for a mission.

h-c-a 9 minutes Handling charge, $1.00

AERODYNAMICS — AIR FLOW (UW)

Through the use of smoke, the flow of air around airfoils is shown. Skin friction, streamlining and the trend in design toward high speed airfoils, the use of wing flaps and their design, and the effect of ice on leading edges are illustrated.

h-c 18 minutes $2.65

AERODYNAMICS — AIR RESISTANCE AND STREAMLINING (CAA)

The first part treats the resistance of air to moving objects and the second part studies visible air flow, produced by white vapor from dry ice.

j-h-c-a 8 minutes Handling charge, $1.00

AERODYNAMICS — FORCES ACTING ON AN AIR FOIL (CAA)

The forces of air as they relate to aircraft structures are studied in this film. Topics treated are lift, drag, angle of attack, and wing chord. A sequence is included on the development and use of wind tunnels to measure the various forces on a wing form. From a discussion and explanation of this activity arises the relationship between lift, drag, wing area, wind velocity, thrust and weight.

h-c-a 27 minutes Handling charge, $1.00

AERODYNAMICS OF THE HUMAN BODY (CAA)

A study of the effects of winds of high velocities on the human body. Shows wind tunnel experiments in which persons are exposed to high velocity winds while in sitting, standing, prone, and crouched positions.

h-c-a 8 minutes $1.00

AERODYNAMICS — LIFT (CAA)

The first part treats of Bernoulli's principle and its application to lift; the second part demonstrates various lift experiments, including among which is a comparison of the flight of an airplane and a kite.

j-h-c-a 8 minutes Handling charge, $1.00

AERODYNAMICS — PROBLEMS OF FLIGHT — (EB)

Intended as a companion reel to the film *Aerodynamics (Theory of Flight),* this production describes the use of the plane's controls in taking off, climbing, banking, stalling, spinning and recovery, diving, gliding, and landing. Superimposed animated diagrams help to clarify the action of forces acting on the plane while executing these maneuvers. Gliding and landing are given special consideration by demonstrating both correct and incorrect techniques.

j-h-c 10 minutes $1.50

AERODYNAMICS — PROPERTIES OF AIR (CAA)

The first part demonstrates that air possesses sufficient mass to support certain objects. The second part consists of demonstrations of weight of air.

j-h-c-a 8 minutes Handling charge, $1.00

AERODYNAMICS — THEORY OF FLIGHT — (EB)

Illustrates the application of physical laws to forces acting on airfoils. Wind tunnel tests demonstrate the relation of air velocity to lift and drag on plain and cambered airfoils. Control of airplane movements about vertical, lateral, and longitudinal axes by means of the rudder, elevator, and ailerons, respectively, is demonstrated in pitching, rolling, and yawing.

j-h-c 10 minutes $1.50

AEROLOGY: AIR MASSES AND FRONTS (CAA, Color)

Describes the troposhere, the formation of clouds, warm and cold fronts and cyclones, and explains the conditions responsible for different kinds of weather.

j-h-c 26 minutes Handling charge, $1.00

AEROLOGY: FLYING THE WEATHER MAP (CAA, Color)

Shows observers determining weather conditions at posts. Illustrates the map's features and shows various fronts represented by colored lines. Explains symbols indicating precipitation areas, thunderstorms, rain showers, air masses and pressure areas.

j-h-c 27 minutes Handling charge, $1.00

AEROLOGY: FOG (CAA, Color)

The theory of fog formation is discussed briefly. The characteristics and conditions conducive to fog are considered in detail.

j-h-c 25 minutes Handling charge, $1.00

AEROLOGY: ICE FORMATION ON AIRCRAFT — PART I — HOW AND WHERE ICE FORMS — PART II REVIEW (CAA)

Shows processes of ice formation, effects of ice on aircraft, and explains how wing ice, ice in the pitot tube, ice on the propeller, and ice in the carburetor become flying hazards.

j-h-c-a 48 minutes Handling charge, $1.00

AEROLOGY: THE COLD FRONT (CAA, Color)

Explains the formation, characteristics and dangers of a cold front, demonstrates how to avoid the hazards of the cold front by either high or low flight.

j-h-c 19 minutes Handling charge, $1.00

AEROLOGY: THE OCCLUDED FRONTS (CAA, Color)

Shows the development and movement of cyclones and the initial stages which are the warm and cold fronts. Demonstrates on a weather map the action of a cold and warm front occlusion. Points out the weather problems in flight operation in warm and cold front type occlusion.

j-h-c 22 minutes Handling charge, $1.00

AEROLOGY: THE WARM FRONT (CAA, Color)

Explains the meeting boundaries of warm and cold air, dangerous stratified layers of clouds formed, how to plan a course around them, types of visibility, precipitation, and ceiling conditions, their locations, cirrus, cirrostratus, and altostratus clouds.

j-h-c 21 minutes Handling charge, $1.00

AEROLOGY — THUNDERSTORMS (USN)

Deals with the formation of thunderclouds, and points out their identifying features. Alternatives a pilot may follow when storms are encountered are discussed. One pilot's experience with a thunderstorm is dramatized. Animation and some straight photography are used.

h-c 35 minutes $4.45

AERONAUTICAL ODDITIES (CAA)

Consisting of a series of selected newsreels which amusingly depict the efforts and products of some aircraft inventors.

i-j-h-c-a 20 minutes Handling charge, $1.00

AEROPRODUCTS PROPELLER — LINE INSPECTION AND MAINTENANCE (CAA)

Explains what line inspection and maintenance involve. Shows step-by-step procedures for carrying out this activity. Includes such items as checking for and removal of nicks and scratches on blades, alignment of blades, examination of spinner nose-shell, and replacement of blades.

h-a 16 minutes Handling charge, $1.00

AEROPRODUCTS PROPELLER, THE — REMOVAL, RE-INSTALLATION, GROUND RUN-UP AND FLIGHT TEST (CAA)

Shows step-by-step procedures for performing the above indicated operations on an Aeroproducts propeller.

a 16 minutes Handling charge, $1.00

AEROPRODUCTS PROPELLER: THEORY AND OPERATION (CAA)

Utilizes cutaway demonstration models and animated drawings to explain how the Aeroproducts propeller works; shows the mechanism which alters the pitch to maintain constant RPM. Also shows how to ground check the propeller and tells the pilot how to use the prop's controls for most efficient operation.

h-c-a 18 minutes Handling charge, $1.00

AFRICAN BIG GAME (AFF)

Big game hunters and their native bearers hunt game, rare skins, and ivory in the Ubangi-Chari region of French Equatorial Africa. By day and night, caravans cut through the dangerous underbrush and rivers, encountering unusual experiences with wild life.

j-h-c-a 20 minutes $2.65

AFRICAN COUSINS (CAF, Color)

Tells the story of two 12-year old boys who live in a remote African village near the jungle and attend a mission school. Their activities in the school are shown. The similarities between the way of life of African and American children are emphasized.

i-j-h-c-a 13 minutes $4.25

AFRICAN FAUNA (PHP, Color)

This interesting and instructive color film was photographed in Kenya Colony, Uganda, and the Belgian Congo, just previous to the war. Paul L. Hoefler, the internationally recognized African authority, is the photographer. The following animals are filmed in their natural habitat: waterbuck, impalla, cheetah, crocodile, elephant, zebra, lion, giraffe, and hippopotamus. It dispels many of the preconceived ideas that people have concerning many of these animals.

i-j-h-c-a 11 minutes $2.70

AFRICAN TRIBES (PHP, Color)

Was photographed in Kenya Colony and the Belgian Congo. The story of the tribes starts in the Belgian Congo and ends in the great Kaisut Desert. The pictures of the Rendille with their "ships of the desert" are the first ever photographed.

j-h-c-a 10 minutes $2.70

AGAIN PIONEERS (BFC)

Shows the efforts of leading citizens in an average American town to rid the community of a group of migrants settled in shacks on the outskirts of town which they feel threaten health and welfare. A home missions field worker helps the citizens to see the needs of these, their neighbors, and to see something of the total task of the church in relation to the underprivileged of the nation.

j-h-c-a 70 minutes $8.00

AGE OF DISCOVERY: SPANISH AND PORTUGUESE EXPLORATIONS (C)

Adventure and exploration that takes students back more than 500 years. They see seaports and sailing vessels, towns and towers, that figured in the exploration of routes to the Orient and then to the discovery of the New World.

i-j-h-a 11 minutes $1.50

AGE OF FLIGHT (McGH)

Shows how modern weather stations, radio beams and flashing beacons aid in safe flying. The training of an army transport pilot is then depicted. Concludes with the testing of planes and pilots at Wright Field laboratories.

j-h-c-a 18 minutes $2.85

AGELESS PARIS (FON, Color)

The real, beloved Paris, with Parisians at work and play. Special features are: atop Notre Dame Cathedral; Montmarte with the Artists; the "Flea Market"; the parks; the boulevards; and the places of history — Napoleon's tomb; the statue of the Venus de Milo.

h-c-a 13 minutes $4.00

AGRICULTURE (M)

Explains diversified farming by showing the various tasks involved. The advantages and disadvantages of farming and the training required of the farmer are mentioned. The need for trained agriculturists in farm agencies is also considered.

j-h-c-a 11 minutes $1.85

AIDA (CP)

Verdi's immortal "Triumphal March" is played with all its splendor when it is conducted and directed by Friedrich Feher. The orchestra is accompanied by the National Philharmonic Chorus. A musical masterpiece, a great orchestra, and a great chorus combined with excellent photography produce a stimulating musical film.

i-j-h-c 10 minutes $1.50

AIR (GA)

A boy's kite, a farmer's windmill, and the air brakes on a train illustrate the uses of air. The importance of the properties of aid to animal and plant life, industry and commerce are shown. Air pressure is explained by demonstrations which the very young child can perform himself.

p 8 minutes $1.85

AIR AGE, THE (CAA, Color)

Depicts the utility uses of aircraft in the world of today. Included are scenes showing how aircraft are used in farming, ranching, merchandising, fire fighting, insect control, search and rescue, conservation, public health, mail service, cargo and passenger transportation.

i-j-h-c-a 34 minutes Handling charge, $1.00

AIR AGE, THE (McGH)

Shows the development of aircraft from the flight of the Wright Brothers to the present. Veteran fliers Martin, Rickenbacker, and Sikorsky present their stories. Shows Lindbergh making his famous flight over the Atlantic, and the Hindenberg disaster which ended the era of the Zeppelin. Pictures modern planes breaking the sound barrier and the fliers going through a series of tests preparatory to these flights.

j-h-c-a 30 minutes $4.00

AIR ALL ABOUT US (C)

Introduces pupils to the basic concepts of the physics of the air and its use to man.

i 11 minutes $1.85

AIR ALL AROUND US (YA)

This film presents and explains a number of classroom demonstrations which illustrate concepts concerning air pressure, contraction and expansion of air, and compressed air.

p-i 10 minutes $1.85

AIR AROUND US (EB)

Shows that air is real; that it has volume and weight. Chemical composition of air is explained by means of animation. Explains uses made of air in auto tires, parachutes, siphons, windmills, etc.

i-j 11 minutes $1.85

AIR BRAKES: PRINCIPLES OF OPERATION (UW)

Shows how each unit functions in relation to the whole system; path of compressed air routes; operation of individual units.

h-c-a 25 minutes $3.70

AIR CURRENTS AND HOW THEY BEHAVE (CAA)

Depicts, through the use of a smoke chamber, how air currents react to different shaped objects, what keeps a plane flying, and what happens when it is tilted too sharply.

j-h 10 minutes Handling charge, $1.00

AIR DEFENSE (CAA)

Shows the vital role played by volunteers of the ground Observer Corps who work together with the U. S. Air Force Air Defense Command to defend our nation against sudden destruction from the air.

j-h-c-a 27 minutes Handling charge, $1.00

AIR IN ACTION (C)

Demonstrates the science of aerodynamics by explaining simple parlor tricks in terms of scientific knowledge and applying that knowledge to everyday living. Air resistance is analyzed, and applications to common experiences are explained.

i-j-h-c 11 minutes $1.85

AIR OPERATIONS (CAA)

A shortened version of TARGET FOR TONIGHT. Relates the story of an actual air raid by the bomber command of the RAF. Shows some phases preliminary to the bombing mission and then pictures the experiences of the bomber crew in carrying out their mission.

j-h 21 minutes Handling charge, $1.00

AIR POWER IS PEACE POWER (CAA)

Shows some of the operations of scheduled air carriers. Demonstrates the flight characteristics of the Constellation as well as an indication of some of the extensive and intensive testing through which this new type of transport was put during its development. Woven into this story is the part Captain Eddie Rickenbacker played in the dramatic development of aviation.

j-h-c-a 27 minutes Handling charge, $1.00

AIR PROGRESS (USAF)

A film record of the Air Progress Demonstration. Static exhibits show progress made from the earliest to the most modern airplanes. The Thunderbolt, Mustang, Flying Fortress, Superfortress, Shooting Star, Flying Wing and the B-36 are among the airplanes shown in flight.

j-h-c-a 20 minutes $2.65

AIR TRAFFIC CONTROL (CAA)

Explains briefly how telcran works and shows by means of animation how its proponents intend to use it in controlling air traffic of the future.

h-c-a 17 minutes Handling charge, $1.00

AIR TRANSPORTATION (VGF)

Presents the whole field of occupations in the air transportation industry, from the highly trained flight and mechanical personnel to the clerical jobs which take but a small amount of instruction to qualify.

h-c 11 minutes $1.85

AIRBORNE MAGNETOMETER, THE (CAA)

Explains briefly and in non-technical language how the earth's magnetic field is utilized in prospecting. Describes the airborne equipment developed to detect changes in the earth's magnetic field and shows step-by-step how this equipment is used and how its data is compiled and interpreted. The longer version is designed for technical and professional groups. The short version is more suitable for aviation groups, civic clubs, and educational classes.

h-c-a 34 minutes and 24 minutes
Handling charge, $1.00

AIRCRAFT ALIGHTING GEAR — INSPECTION OF ALIGHTING GEAR (CAA)

Inspection routine applicable to any type tricycle landing gear is demonstrated.

a 10 minutes Handling charge, $1.00

AIRCRAFT ALIGHTING GEAR — MAINTENANCE OF ALIGHTING GEAR (CAA)

Demonstrates checking and filling hydraulic systems on the tricycle landing gear.

a 12 minutes Handling charge, $1.00

AIRCRAFT AND HOW THEY FLY (CAA)

Explains and illustrates classes of aircraft such as lighter-than-air craft, amphibians, autogiros, and helicopters and how they fly.

i-j 11 minutes Handling charge, $1.00

AIRCRAFT ENGINE AND NAVIGATION INSTRUMENTS: 50 HOUR INSPECTION (CAA)

Demonstrates the procedures for the 50-hour inspection of the airplane instruments in a B-17. These procedures are applicable to many other types of aircraft.

a 22 minutes Handling charge, $1.00

AIRCRAFT ENGINES: CARBURETION (CAA)

Presents a detailed pictorial discussion of the functions, parts and variations of aircraft engine carburetors. It begins with a discussion of air and gas mixtures used in internal combustion engine, variations in ratio of gas and air desirable for idling, acceleration, and for maximum power, and special problems created by dives and operation at high altitudes. Animated diagrams and pictures show a simplified carburetor and then add various devices developed to permit control of the mixture under varying conditions.

h-c-a 37 minutes Handling charge, $1.00

AIRCRAFT ENGINES: ELEMENTS OF ELECTRICITY AS APPLIED TO IGNITION SYSTEMS (CAA)

Portrays elementary phenomena in electricity and magnetism and the application of these principles to engine ignition systems.

h-c-a 28 minutes Handling charge, $1.00

AIRCRAFT ENGINES: TYPES, MECHANISMS AND OILING SYSTEMS (CAA)

Presents an overview of the operating principles of the internal combustion engine; illustrates views of the standard forms, cylinders arranged in a V, in a line, opposite each other and in a circle. Cut-away models, provide a general explanation of the carburetor, exhaust, intake valves, pistons, piston rings, and the camshaft. Lubrication system is covered in detail by means of a still diagram, animation, and commentary explaining the scavenger pump, strainer, crankcase breather, cooler, reserve tank, and the use of the oil system in the hydraulic control of the variable pitch propeller.

h-c-a 32 minutes Handling charge, $1.00

AIRCRAFT INSTRUMENTS — TACHOMETER REPAIR

Shows how to disassemble and assemble the chronometric type C-7 tachometer and explains the function of its important parts.

h-c-a 30 minutes Handling charge, $1.00

AIRCRAFT WELDING (CAA)

Demonstrates the proper method of setting up welding apparatus, lighting the torch, different types of flames, and the effect of each on steel. The correct method of making ripples and beads is shown as well as how to turn off, to care for, and to put away the welding apparatus.

h-c-a 18 minutes Handling charge, $1.00

AIRLINE TO EVERYWHERE (McGH)

Shows how the Air Transport Command built a global network on a foundation of home bases with transfer points, maintenance centers and supply depots.

j-h-c-a 17 minutes $2.65

AIRLINER, THE (DM)

There is no one subject of more general interest today than aviation and air transport. Many of the terms used in newspapers and periodicals and over the radio are clarified in this film. The Airliner provides a vicarious experience of not only a trip by air, but a study of planes, instruments, and government control of air transport. Therefore it serves as an excellent general information film to be used in assemblies, P.T.A. meetings and club groups as well as for intensive use for class reference.

The Airliner meets several distinct teaching needs. It treats specifically of airplanes and aeronautics, including the plane itself, flying instruments, government control, and passenger service. It therefore fits into a unit of work on airplanes at any grade level.

j-h-c 20 minutes $2.65

AIRLINES TO ANYWHERE (McGH)

The story behind a typical flight from Los Angeles to New York with a report on reservations, flight personnel, maintenance and other activities which are carried on for the comfort and safety of the passengers.

j-h-c-a 18 minutes $2.85

AIRPLANE ANTICS (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

AIRPLANE CHANGES THE WORLD MAP, THE (EB)

Treats in excellent fashion the whole problem of map reading, particularly as it relates to the globular character of maps which has assumed so great importance for air travel. The various types of projection used in maps are shown and expressed in detail.

j-h-c 11 minutes $1.50

AIRPLANE HYDRAULIC BRAKES — BRAKE ADJUSTMENT — HAYES AND GOODYEAR BRAKES (CAA)

Shows the proper steps to adjust and test the Hayes and the Goodyear brakes.

h-a 17 minutes Handling charge, $1.00

AIRPLANE HYDRAULIC BRAKES: PRINCIPLES OF OPERATION (CAA)

Explains the need for brakes on modern airplanes and the basic principles of the brake itself. Covers both independent and integral systems in detail, including their operation in the airplane.

h-c-a 20 minutes Handling charge, $1.00

AIRPLANE HYDRAULIC BRAKES: TYPES, CONSTRUCTION AND ACTION (CAA)

Describes the parts of the Bendix single servo and duo servo brakes, the Hayes single shoe, single servo and duo servo brakes, the Hayes single expander tube brakes and the Goodyear disc type brakes, and explains the principles of operation of each type.

h-c-a 30 minutes Handling charge, $1.00

AIRPLANE HYDRAULIC SYSTEMS — PART I — BC-1 AIRPLANE (CAA)

Illustrates hydraulic systems as applied to the retractable landing gear, to the brakes, to the variable pitch propeller. The pumps, reservoirs, special valves, and the operating levers are also diagrammed and explained. Specific application of these principles to the BC-1 plane is shown.

h-c-a 13 minutes Handling charge, $1.00

AIRPLANE MECHANIC, THE (CAA)

Planned as an orientation film for beginning airplane mechanics; shows and explains the skills and knowledges required to make satisfactory inspections and repairs; emphasizes the importance of thoroughness, skill and dependability.

j-h-a 9 minutes Handling charge, $1.00

AIRPLANE PROPELLERS: HAMILTON CONSTANT SPEED, REMOVAL AND DISASSEMBLY (CAA)

Shows in detail how to remove the Hamilton constant-speed propeller from the plane and disassembly of it for inspection and repair.

a 20 minutes Handling charge, $1.00

AIRPLANE PROPELLERS: HAMILTON HYDROMATIC, PROPELLER INSTALLATION (CAA)

Demonstrates the proper method of preparing the propeller shaft and mounting the propeller.

h-c-a 13 minutes Handling charge, $1.00

AIRPLANE PROPELLERS: HAMILTON HYDROMATIC, REASSEMBLY AND ADJUSTMENT — PARTS I AND II

Demonstrates step-by-step procedure in assembling the propeller components. Emphasizes use of proper tools, guide marks and tolerances permissible.

a 44 minutes Handling charge, $1.00

AIRPLANE PROPELLERS: HAMILTON HYDROMATIC, SERVICING (CAA)

Demonstrates the step-by-step procedure in dismantling, cleaning, and inspecting the hydromatic propeller.

a 8 minutes Handling charge, $1.00

AIRPLANE PROPELLERS: HAMILTON HYDROMATIC, THEORY AND OPERATION (CAA)

Outlines the crew chief's and pilot's operations in warming up, checking, taking off, climbing, cruising, emergency and practice feathering, unfeathering, landing, and stopping the Hamilton Hydromatic Propeller. Models, diagrams, and actual views are combined to show the construction and mechanism of a variable pitch propeller.

h-c-a 17 minutes Handling charge, $1.00

AIRPLANE PROPELLERS: PRINCIPLES AND TYPES (CAA)

Explains reasons for varying sizes and number of blades on different aircraft, why a propeller is twisted, and how its angle is changed. Functions of fixed pitch, two position, Hamilton Constant Speed, Hamilton Hydromatic, Curtiss Electric and Aeroproducts propellers are shown.

h-c-a 17 minutes Handling charge, $1.00

AIRPLANE RADIO ANTENNAS (USSC)

Presents an over-all view of the generation and the behavior of radio waves. Animated diagrams, combined with real photography, are used with the commentary to discuss static fields, magnetic lines of force, high-frequency generators, the behavior of radio waves in space, and the reflection of radio waves. There follows a discussion of skip distance, ground waves and the fading and the distortions that result from a conflict between waves.

j-h-c 11 minutes $1.50

AIRPLANE STRUCTURES — ALIGHTING GEAR (USSC)

The general working plan of the alighting gear, showing the loads exerted, is set forth. The plans of

United Nations

BOUNDARY LINES
DEMOCRACY
DESPOTISM
PATTERN FOR PEACE: CHARTER OF THE UNITED NATIONS
PEOPLE'S CHARTER
SEARCHLIGHT ON THE NATIONS
WATCHTOWER OVER TOMORROW
WE, THE PEOPLES
PICTURE IN YOUR MIND
UNITED NATIONS SCREEN MAGAZINE #3
MAPS WE LIVE BY

operation, the component parts and the devices that warn of the alighting gear's position are explained.

h-c 9 minutes $1.50

AIRPLANE STRUCTURES — CONTROL SURFACES (CAA)

Ailerons, rudders, tail flaps, wing flaps, vertical fins, elevators, and horizontal fins are defined, located, and their functions explained. The coverings of these surfaces with fabrics are shown. Various kinds of trim tabs, both the fixed and adjustable, are shown and their functions discussed.

h-c-a 7 minutes Handling charge, $1.00

AIRPLANE STRUCTURES — FUSELAGE CONSTRUCTION (USSC)

A series of over-all views indicates the various sections of the aircraft fuselage, and shows the steps of the development of a fuselage with the pilot's coup. Some attention is given to the differentiations of cowling for air-cooled and liquid-cooled engines.

h-c 8 minutes $1.50

AIRPLANE STRUCTURES—MANUFACTURING METHODS (CAA)

Presents overview of complete steps in manufacture of an airplane, including wings, fuselage, engine and tail.

h-c-a 25 minutes Handling charge, $1.00

AIRPLANE STRUCTURES — STATIC TESTING (CAA)

Presents over-all view of the forms, kinds and purposes of static testing. It opens with view of fuselage mounted in jig and shows procedures and methods used to form the elastic axes of wings, torsional stiffness tests, and negative acceleration test. Points out usefulness of information gained in test and how it relates to power-diving capabilities of the finished plane. Testing of control surfaces through utilization of models and wind tunnels is shown. Film concludes with views of dynamic tests given to landing gear to indicate its ruggedness.

h-c-a 12 minutes Handling charge, $1.00

AIRPLANE STRUCTURES — STRUCTURAL UNITS (USSC and CAA)

Presents a pictorial discussion of the various units of a plane, and of the various types of loads, and stresses what each must be designed to handle. Diagrams show the various types of stresses that are involved in various angles of flight. Parts of the plane fuselage, wings, the landing gear, and the control surfaces are indicated and the function of each defined.

h-c 6 minutes $1.00

AIRPLANE STRUCTURES — WING CONSTRUCTION (USSC and CAA)

The film opens with drawings indicating the shape, the chord, and span of wings. Views of a wing in construction show its internal bracing in the form of spars and ribs. Commentary and drawings combine to explain the beam form used in wing construction. The general over-all picture of the assembling of subassemblies of wing sections is given. There is also shown the construction of wings where fuel tanks are built into the wings.

h-c 9 minutes $1.00

AIRPLANE TRIP, AN (EB)

In a modern airliner a mother and her young daughter journey, with other passengers, from Los Angeles to Salt Lake City. On arriving at the airport, a hangar is inspected, and servicing operations on different parts of a plane are observed. After the plane is loaded with mail and express the passengers embark, safety belts are adjusted, and the plane takes off. En route, the plane's instruments and operation are simply explained. Picturesque views of the ground and clouds are shown. The stewardess serves a meal and makes up the sleeping berths. A telephonic weather report is received by the pilot, and the plane lands at Salt Lake City at dusk. Mother and daughter disembark and watch their plane continue its journey into the night.

p-i-j 11 minutes $1.50

AIRPLANE TRIP TO MEXICO (EB, Color)

The delightful story of two American youngsters who visit friends in Baja California, Mexico. Portrays their adventures as they go sightseeing, visit a Mexican school, swim in the ocean, discover an old pirate cove, and go horseback riding with their host. Airport scenes highlight their arrival and departure by plane. Can be used for beginning Spanish language classes when used in conjunction with the *Spanish version entitled Un Viaje A Mejico.*

(English)
i-j-h-c 12 minutes $3.00

AIRPLANES (USBM)

General interest film to model plane builders and others.

i-j-h 37 minutes Handling charge, $1.00

AIRPLANES AND HOW THEY FLY (YA)

Using photography and animation, this film serves two purposes: it surveys the major types of modern aircraft — propeller-driven, jet-powered, military and commercial, large and small; it provides an elementary explanation of how an airplane is pulled through the air, how airflow lifts the plane into the air, and how the flight of the plane is controlled by rudder, elevator, and aileron.

p 11 minutes $1.85

AIRPLANES ARE FOR SUSAN AND BILLY (KRUSS, Color)

Non-technical presentation of flying principles, for elementary age children.

i 14 minutes $3.50

AIRPLANES: THEIR METALS, FUELS AND LUBRICANTS (CAA)

Tells the story of how a group of boys interested in building model airplanes learned about the metals used in constructing airplanes, the progressive operations of building an all-cargo plane, the theory of flight and laws of aerodynamics, and the importance of lubricants in the maintenance and operation of aircraft. Film ends with a competitive meet of model plane builders and the presentation of awards to the winners.

j-h-a 37 minutes Handling charge, $1.00

AIRPORT (EB)

The film provides a comprehensive overview of the many activities carried on at a large municipal airport. The film will be especially useful in helping children understand what goes on behind the scenes on the ground, so that flying in the air will be safe, fast, and comfortable.

p-i 11 minutes $1.50

AIRSCREW (CAA)

Explains manufacture of airplane propellers. Shows various tests for proving strength of the metal; shaping in machine shop; treating blades, installation of plane. The principle of the propeller is explained by animated diagrams.

h-c-a 22 minutes Handling charge, $1.00

AIRWAYS OF THE FUTURE (MOT)

Important in this film are impressive shots showing some of the remote regions traversed by the huge planes of the ATC. The climax of the film shows how the airways of war can become the airways of the future, bringing close remote corners of the world.

j-h-c 12 minutes $2.25

ALASKA (FI)

The history and the agricultural and industrial development of a twentieth century frontier country, with particular emphasis on the work pioneer people have to do to settle new land, build new communities, and create new industries.

j-h 22 minutes $2.65

ALASKA — A MODERN FRONTIER (C)

Through the wilderness we travel to see a first-hand view of Alaska. There is the thriving, modern community of Fairbanks. On a trip with the "flyingest people in the world" we visit gold miners, salmon fishermen, pioneer farmers of the Matanuska Valley, Eskimos on the coast of the Bering Sea . . . to see why Alaska is really a modern frontier.

i-j-h 10 minutes $1.50

ALASKA — RESERVOIR OF RESOURCES (EB)

The relationship of people living in Alaska to their environment and the tremendous reservoir of resources which Alaska comprises is outlined. The following representative aspects of Alaska's resources are portrayed in this picture: fishing, lumbering, mining, fur trapping, and agriculture. Emphasis is also placed on Alaska's special transportation problems.

i-j-h 11 minutes $1.50

ALASKA TOUR (TFC, Restricted to Classroom Use)

This is a typical travelogue of Alaska. It shows many interesting parts of Alaska, including the salmon packing industry.

i-j-h-c 11 minutes $1.85

ALASKA'S SILVER MILLIONS (AC)

An excellent industrial film prepared for classroom use from the fifth to the tenth grade. It shows some splendid scenes of the salmon run. The details of the canning of salmon are clearly shown.

i-j 30 minutes Handling charge, $1.50

ALCOHOL AND THE HUMAN BODY (EB)

Graphically explains the specific effects of alcohol on the human body, describing the characteristics of alcohol and how it is made. Traces the course of alcohol through the body until it either oxidizes or escapes. Reveals the progressive effects of alcohol on the important brain centers of judgment, muscular control, vision, and coordination. Dramatizes the cause of a problem drinker, and prescribes a treatment.

j-h-c 20 minutes $2.65

ALCOHOL AND TOBACCO — WHAT THEY DO TO OUR BODIES (C)

Shows how alcohol slows a man's mental speed and affects his skill and how nicotine causes the blood vessels to contract, producing unsteadiness and fatigue.

j 11 minutes $1.50

ALCOHOL IS DYNAMITE (SD)

Typical case histories have been selected — several boys and girls who became victims of drink at an early age — each in his or her own way. The stories are told as they occurred — without embellishment, without preaching. But the lesson is graphically evident — any boy or girl can become a victim of alcohol, simply, easily, and quickly — merely by "playing around" with it.

j-h-c-a 10 minutes $1.85

ALCOLHOLISM (EB)

Presents the causes and treatment of excessive drinking, tracing the development of the disorder in the case history of Ed Grimer. Shows how the roots of alcoholism are imbedded in personality difficulties, and describes various forms of treatment. Demonstrates the role of the public clinic, and emphasizes the need for increased treatment facilities and greater public knowledge of this widespread problem.

h-c-a 22 minutes $2.65

ALEXANDER CALDER: SCULPTURE AND CONSTRUCTION (MMA, Color)

The artist is shown at work, creating his mobiles of wire, etc., in his well-equipped workshop. Biographical information is presented by the narrator. Examples of the artist's work are then shown and related to the basic themes of modern art.

j-h-c-a 11 minutes $2.85

ALEXANDER HAMILTON (EB)

Re-enacts episodes in the life of a leading figure in the formation of the American Nation. Reveals Hamilton first as a boy-businessman; shows his role in the American Revolution; tells his part in the adoption of the Constitution; portrays his career as the first Secretary of the Treasury; and re-enacts events which led to his death at the hands of Aaron Burr.

j-h-a 22 minutes $2.65

ALGEBRA IN EVERYDAY LIFE (C)

There is nothing mysterious about algebra. It is only a language of numbers. Students will realize this as they see Grace and Bill solve a problem which confronts them in the preparations for their annual school revue — solve it by using algebra. With emphasis on these three basic algebraic steps: 1) observation, 2) translation, and 3) manipulation and computation, this film shows how algebra is used in everyday life as well as in specialized fields.

j-h 10 minutes $1.85

ALI AND HIS BABY CAMEL (AP)

Depicts the relationship between a boy and his pet camel, and shows the kind of work performed by the camel in the desert.

p 11 minutes $2.50

ALIAS ST. NICK (TFC, Color, Restricted to Classroom Use)

A cat, hungry for a Christmas meal, disguises himself as Santa Claus to get into the home of the Mice. They are almost fooled, but at the last minute he is discovered and thrown out.

p-i 9 minutes (1 day only) $2.50

ALIBI RACKET (TFC, Restricted to Classroom Use)

When a racketeer is killed, the most obvious, and in fact almost the only, suspect has an iron-clad alibi. The police have suspected this man of several other crimes, but, as in the present case, his alibi has always been perfect. A suspicious police commissioner, careful planning, and hard, persistent police work lead to his arrest and conviction.

h 20 minutes $2.65

ALICE ADAMS (Dance) (TFC, Restricted to Classroom Use)

An excerpt from the feature film of the same title, produced by RKO. A young girl finds herself at a disadvantage in a community in which her friends are richer than herself. Her sensitiveness to appearances leads her into exaggeration and fantasy. Her mother blames the girl's father for not making enough money to give his daughter the social status she craves. At a dance the girl is snubbed and humiliated.

j-h-c-a 15 minutes $2.65

ALICE ADAMS (Money Sequence) (TFC, Restricted to Classroom Use)

Family problems grow out of a father's lack of financial success. His daughter's sensitiveness to appearances leads her into exaggeration and fantasy in her relationship with a young man. The mother blames her husband for the fact that his daughter is handicapped socially.

j-h-c-a 15 minutes $2.65

ALICE IN WONDERLAND (TFC, Restricted to Classroom Use)

A school version taken from MGM's feature picture of the same name.

general 40 minutes $4.45

ALIMENTARY TRACT (EB)

Intended as a supplement to the film DIGESTION OF FOODS, this picture treats in detail motility phenomena of the gastrointestinal tract. Actual photography reveals different types of movements in the stomach such as hypermotility, inhibition, anti-peristalsis, hunger contractions, and normal movements.

j-h-c 11 minutes $1.50

ALIVE FROM THE DEEP (P & IP)

Contains pictures of giant turtles, sharks, porpoises, bringing back live marine exhibits for the fabulous Oceanarium at Marineland, Florida.

i-j-h-c-a 15 minutes $3.00

ALKALI IKE MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

ALL FLESH IS GRASS (ANCA, Color)

Pictures taken on cattle ranches in the West illustrate the processes involved in the production of a meat animal from the time the calf is born until it reaches the consumer's table.

h-c-a 30 minutes $10.00

ALL GOD'S CHILDREN (CH)

A dramatic story about a Korean war veteran that points out the need for more good teachers and a more alert public in order to strengthen American schools.

j-h-c-a 28 minutes $3.70

ALL-AMERICAN MICKEY (BF)

There's football in the air, and it's Mickey's team against the Alley Cats. Everything goes wrong. A goat enters the scene, mixes up the show, Mickey goes the wrong way, but the situation clears surprisingly after Mickey's drive for the goal has been stopped.

general 5 minutes $1.00

ALLERGIES (EB, Color)

Presents basic facts necessary for a fundamental understanding of the nature of allergies. Describes an allergy as a pronounced sensitiveness of a given part of the body to a particular substance such as certain pollens, dusts, food, etc. Points out types of research now being carried on in the field and explains tests for detecting allergies.

h-c-a 12 minutes B & W $2.25, Color $3.85

ALLEGRETO (OF)

Film contains four musical compositions with themes taken from nature: Rimsky-Korsakov's Flight of the Bumble-Bee; Saint-Saen's The Swan; Scarlatti's The Cat's Fugue; and Moussorgsky's Battle of the Chicks in their Shells.

i 10 minutes $2.00

ALLOY STEELS (USBM)

The opening scene shows a toolsmith at work in an old-time shop using early methods of fashioning tools by hand. It also depicts the "cementation" process — making of blister bar steel by adding carbon to wrought iron, a process known by the ancients and rediscovered many years later by European workers.

The scenes following portray outstanding milestones in the history of the development of alloy steels. The contributions of Benjamin Huntsman in 1742 and of Robert Mushet in 1868, as well as the improved method of heat treatment first used in 1890 which made possible the development of cutting tools that ran at the unheard-of speed of 100 to 150 feet per minute, are shown. Within a few years many brands of high-speed steels were on the market, Julius Baur's chromium steel was patented, Sir Robert Hadfield perfected a high-manganese steel, French metallurgists first alloyed steel with nickel, and molybdenum and vanadium had come into use.

Many brands of English and American steels made their appearance between 1900 and 1906 as automobiles created a need for strong and more reliable steel. The increases in source of supply together with laboratory improvements and research during the period of 1917 and 1938 are shown in detail. The reel ends with a view of modern plants and equipment for heat treating and fabrication of steel.

j-h-c 20 minutes Handling charge, $1.00

ALL-STAR BASEBALL GAME OF 1948 (OF)

Here is a front-row seat at St. Louis' Sportsman's Park to watch DiMaggio and Williams pit their hitting power against Mize and Kiner. A close-up view of the American League's high-rated hitting vs. National League's much-publicized pitching.

general 11 minutes $1.85

ALOHA (CC)

Some of the customs, industries and occupational activities of Hawaiians constitute the major part of this film. Also shown are some of the water sports of the islands. Native music constitutes the background for the narrator's voice.

i-j-h 11 minutes $1.50

ALONG THE LIFE LINE OF THE BRITISH EMPIRE (NA)

A trip from India through Suez-Mediterranean-Gibraltar to England.

j-h-a 11 minutes $1.85

ALONG THE MILKY WAY (UPRR, Color)

The story of modern dairy production, processing, manufacturing and delivery to the ultimate consumer.

i-j-h-c-a 20 minutes $1.50

ALPHABET ANTICS (UW)

A poem with stanzas about every letter of the alphabet is illustrated on the screen.

p-i 10 minutes $1.00

AM I TRUSTWORTHY? (C)

Returning borrowed articles, keeping promises, doing a good job with assigned tasks are all presented as examples of trustworthiness in this film. Students see and learn that by practicing trustworthiness in the little things of everyday life, people will trust them when important issues are raised.

p-i 11 minutes $1.50

AMAZON AWAKENS, THE (IAA, Color)

The story of the Amazon River basin — its history, industrial progress, richness in natural resources, and the possibilities for its future.

i-j-h-c-a 33 minutes $5.20

AMBASSADORS OF CHRIST (MBI)

Shows the steps in the training received in a seminary, by men training for priesthood in the Roman Catholic Church.

h-a 40 minutes $4.45

AMBULANCE DOCTOR (McGH)

Filmed at Roosevelt Hospital in New York City. Portrays the experiences of a doctor, as he rides the ambulance through city streets in answer to emergency calls of all kinds and quickly administers medical treatment at the scene of an accident or disaster.

j-h-c-a 15 minutes $2.65

AMERICA BOWLS (NBC)

Outstanding American bowlers demonstrate their technique and give step-by-step instructions. Features Ned Day, Buddy Bomar, Marion Ladewig, Andy Varipapa, Joe Norris and Connie Schwoegler.

j-h-c-a 20 minutes $2.65

AMERICA FOR ME (ASF, Color)

Presents a trip by bus through various sections of the United States, with scenes of Indian dances, Mardi Gras, Portland's Rose Festival, and New England.

h-c-a 30 minutes $1.50

AMERICA THE BEAUTIFUL (TFC, Restricted to Classroom Use, Color)

This is an inspiring film, showing the true greatness and striking beauty of our United States. The color-camera takes the viewer to the great scenic areas of the nation, to the fields of great agricultural and mineral wealth, to show that within our country lies even further opportunity for development. Our land has taken our people far, but there are greater goals to reach, greater tasks to be accomplished, and a greater future in sight.

general 20 minutes $4.25

AMERICAN COP (MOT)

Statistics show that there has been a marked increase in crimes of violence since the war's end. The burden of putting down this crime wave falls largely on the shoulders of the man who comes to close grips with crime — the cop. The specific case depicted in the film is both exciting and authentic.

general 18 minutes $2.65

AMERICAN FILM FORUM NO. 10: IS IT TREASON?

One of a series of discussion films moderated by Marquis Childs. Takes up problem of judicial decisions as to what should constitute subversive activities.

h-c-a 10 minutes $7.50

AMERICAN FILM FORUM NO. 11: DO SECURITY REGULATIONS HAMPER SCIENCE?

One of a series of discussion films moderated by Marquis Childs.

h-c-a 10 minutes $7.50

AMERICAN FILM FORUM NO. 12: WHAT'S THE ANSWER TO SLUMS?

One of a series of discussion films moderated by Marquis Childs.

h-c-a 10 minutes $7.50

AMERICAN FILM FORUM NO. 13: SHOULD RED CHINA BE ADMITTED TO THE UNITED NATIONS?

One of a series of discussion films moderated by Marquis Childs.

h-c-a 10 minutes $7.50

AMERICAN FILM FORUM NO. 14: THE SEGREGATION QUESTION

One of series of discussion films moderated by Marquis Childs. Takes up the problem of segregation, especially against the background of the Supreme Court decision outlawing school segregation.

h-c-a 10 minutes $7.50

AMERICAN FILM FORUM NO. 15: ARE WE DRIFTING INTO WORLD WAR III?

One of a series of discussion films moderated by Marquis Childs.

h-c-a 10 minutes $7.50

AMERICAN LITERATURE: COLONIAL TIMES (C, B & W or Color)

Shows that the beginnings of literature in this country took the form of practical, useful documents, reflecting the wonders of the new world to which the settlers had come, and the hard pioneer life and deep religious faith of these people.

h-c-a 10 minutes B&W $1.50, Color $2.70

AMERICAN LITERATURE: EARLY NATIONAL PERIOD (C, B & W or Color)

The writings of Philip Freneau, William Cullen Bryant, Washington Irving and James Fenimore Cooper, who found subjects in the native scene, the natural beauty, the folk legends, the humor, and the traditions which were characteristically American.

h-c-a 10 minutes B&W $1.50, Color $2.70

AMERICAN LITERATURE: THE REALISTS (C, B & W or Color)

Examines the writings of Upton Sinclair, Theodore Dreiser, Hamlin Garland, Stephen Crane, Jack London, Booth Tarkington, and Sinclair Lewis, and associates the theme of realism with many of our present-day novelists, poets, essayists and dramatists.

h-c-a 10 minutes B&W $1.50, Color $2.70

AMERICAN LITERATURE: REVOLUTIONARY TIMES (C, B & W or Color)

Concerns the writings of Benjamin Franklin, Patrick Henry, Thomas Paine and Thomas Jefferson.

h-c-a 10 minutes B&W $1.50, Color $2.70

AMERICAN PIONEER, THE (AL)

The early colonial period of American expansion westward offers a rich chapter in our history. In this film authentic types are portrayed from all walks of life, people who sought new lands west of the Alleghenies. Costumes and customs of the period, modes of transportation, the physical dangers encountered — heat and cold, mountains, storms, floods are featured. Shows the building of a frontier fort against Indians, and conflicts with Eastern land speculators.

j-h-c-a 20 minutes $2.65

AMERICAN PORTRAIT (ILI)

Featuring screen star Alan Ladd, this picture tells the story of improvements and better ways of life which have come into being during the last one hundred years. Inventiveness and ingenuity created the improvements, but the force which brought them into widespread use has been American salesmanship.

general 25 minutes Handling charge, $1.50

AMERICAN PUBLIC EDUCATION SERIES: DESIGN OF AMERICAN PUBLIC EDUCATION (McGH)

The organizational structure of American public education, first as it might be if it were an "assembly line" educational process controlled centrally, and as it actually is in a democratic society — constitutional delegation of education to the various states with decentralization and state supervision, a system that develops responsible citizens in a democratic society.

c-a 18 minutes $2.65

AMERICAN PUBLIC EDUCATION SERIES: THE SCHOOL AND THE COMMUNITY (McGH)

Addresses itself to the problem of the wall of separation between many schools and their community, and the losses which both suffer thereby. Argues that everyone — teachers, parents, school officials and the citizenry at large — shares responsibility for these poor conditions. Shows the benefits which both the school and the community obtain when they cooperate.

c-a 16 minutes $2.65

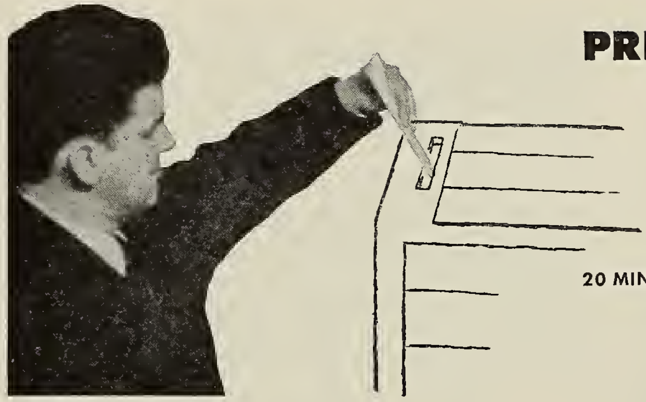
AMERICAN REVOLUTION, THE (EB, Color)

A clear explanation of the strategy, the struggle, the movement of forces, and the important military engagements of the war for independence. Stresses geographical and social factors which brought victory to the thirteen states. Animated drawings and color photography cover the terrain and battlefields over which the war was fought.

j-h-c 12 minutes $3.85

AMERICAN REVOLUTION: The BACKGROUND PERIOD (C)

The political, social and economic conditions in the American colonies that fostered self-reliance and independence and united men of varied background and interest in common cause against British rule are ex-



PRESIDENTIAL ELECTIONS

The fascinating, if sometimes brutal inner workings of a presidential campaign.

20 MINUTES RUNNING TIME **$2.25 PER WEEK**

plained. Events leading to the break with England are presented in their historic settings — Concord, Boston, Philadelphia, Williamsburg.

h-c-a 10 minutes $1.50

AMERICAN REVOLUTION: THE POSTWAR PERIOD (C)

The last phase of the American Revolution — the emergence of a federal government, defined by the Constitution and ratified by the states of the new nation — is the subject. The Constitutional Convention and the urgency of its task are related in the film to the complex problems that beset the states at the end of the war.

h-c-a 10 minutes $1.50

AMERICAN REVOLUTION: THE WAR YEARS (C)

An overview of the major phases of the War for Independence — military, political, and diplomatic — highlighting them in the settings of the important events that marked the progress of the war from 1775 to 1783. The role of Washington as general and leader is revealed effectively in the portrayal of the broad strategy of the war and the recurring problems of supply and morale.

h-c-a 10 minutes $1.50

AMERICAN SEA POWER

(TFC, Restricted to Classroom Use)

An excellent view of American sea power just prior to the entry into World War II. Shows the fleet steaming out on battle maneuvers, and the tasks the various members of the crew perform. There is entertainment during the idle moments, including a hog-calling contest.

general 11 minutes $1.85

AMERICAN SPOKEN HERE

(TFC, Restricted to Classroom Use)

A dramatized history of several slang expressions, showing their origin and how they came to be included in the American idiom.

j-h-c 11 minutes $1.85

AMERICAN SQUARE DANCE (C)

Relates the square dance to social dancing, teaches the positions of the dancers in relation to the calls and defines terms.

i-j-h-c 11 minutes $1.85

AMERICAN TEACHER, THE (MOT)

Presents the pros and cons of "Progressive Education" and points out to the U.S. citizen his responsibility for the quality of the education his community provides for its young.

Yesterday's education in the U.S. was typified by the proverbial little Red School House and today's emphasis is upon the scientific principles of psychology — but all good teachers know that their methods are as individualistic and personal as any other artist's; and all realize the importance of developing in their pupils the ability to think as well as a knowledge of the facts.

h-c 15 minutes $2.65

AMERICANS ALL (MOT) (Please note two films this title)

A gripping and objective presentation of an issue which concerns every American. The film further shows how a forward-looking city like Springfield, Massachusetts offers an inspiring plan to other communities for combatting prejudices and how your school and your town can deal with the causes of this injustice.

i-j-h-c-a 16 minutes $2.25

AMERICANS ALL (OIAA)

The young people who live and work and play between the Straits of Magellan and the Rio Grande River are honestly and dramatically depicted. It is intended to give the people of the United States a better understanding of their little-known fellow Americans to the South.

i-j-h-c 22 minutes Handling charge, $2.65

AMERICA'S AIRPOWER (McGH)

New planes, the men who will fly them, and the pilots who are working at speeds beyond the speed of sound are shown in this film that points to the importance of aviation in our national defense.

h-c-a 18 minutes $2.65

AMERICA'S HERITAGE (Excerpted from News Magazine of the Screen) (STO)

Presents episodes in the lives of men who made American history, including Columbus, John Zenger, Washington, Jefferson, Edison.

i-j-h-c-a 40 minutes $4.45

AMERICA'S HERITAGE OF HOSPITALITY (NREA, Color)

The American dining table in home and restaurant from colonial times to the present. Shown in the form of a cross-country travelogue, with particular emphasis on the restaurant industry from hamburger counters to hotel dining rooms. Traces the movement of food from its sources through transportation, storage, preparation, and serving of complete meal.

j-h-c-a 22 minutes $1.50

AMERICA'S NEW AIRPOWER (CAA)

Describes the steps being taken by our military leaders to develop the nation's first line of defense — The U. S. Air Force — as a weapon so formidable that no potential enemy will dare risk its counter-blows. Included are scenes of some of the latest types of jet fighters and bombers.

j-h-c-a 18 minutes Handling charge, $1.00

AMERICA'S TRAFFIC PROBLEM (MOT)

The growing danger to the public from heavy traffic and lax regulations has become a problem of great concern. With more and more of the nation's commerce depending on its highways, this film shows why the traffic problem has developed and examines some of the new solutions that are being offered.

j-a-c-a 16 minutes $2.65

AMERICA'S WONDERLANDS (ESF)

Shows America's scenic wonders — Niagara, Crater Lake, Columbia River, Yosemite, Mount Rainier, and the Monterey Peninsula — the nation's most spectacular sights.

i-j-h 11 minutes $1.85

AMOEBA, THE (UW)

Microphotography and animated drawings show the structure and life functions of a single-celled organism. The principal sequences in the film are: production of pseudo-podia, Amoeba pursuing and capturing prey, process of ingestion, and reproduction by fission — explained through animated drawings.

h-c 10 minutes $1.85

AMOEBA AND VORTICELLA (EP)

Reveals the habits, physical structure, and methods of reproduction of unicellular life. Gives detailed explanations of muscular action, nerve control, methods of motivation, and processes of reproduction.

h-c-a 9 minutes $1.85

AN AMERICAN FARM (USDA, Color)

A young foreign farmer visiting America learns of the educational and other services which have helped to bring about the development of the modern farm.

h-c-a 80 minutes $2.00

AN OUNCE OF PREVENTION (CAA, Color)

Brings out the importance of preventive maintetenance in terms of keeping airplanes ready for use on farm and ranch, by the businessman, etc. Shows essential maintenance procedures for protecting airplanes against forces of attrition.

h-c-a 28 minutes Handling charge, $1.00

ANALYTICAL BALANCE AND ITS USE, THE (UI)

Briefly explains and illustrates the theory of the balance, shows a simple trip balance, and explains its use; shows an analytical balance, explains the function of the various parts, and shows how to determine the rest point. An actual weighing is shown and explained. Finally several modern innovations of the analytical balance are presented.

c 14 minutes $3.25

ANATOMICAL MODELS (DG)

Illustrates the production and use of a human torso and head model.

c-a 15 minutes $2.65

ANCHORS AWEIGH (OWI)

Splendid background scenes of the Navy at sea stir the audience while Conrad Thibault sings the Navy song in a rousing manner. The audience joins in the last chorus.

general 4 minutes Postage

ANCIENT BAALBEK AND PALMYRA (EB, Color)

As members of a desert caravan, pausing for water and rest, we visit the ruins of ancient Palmyra and Baalbek, in Syria. We wander among the remains of temples and halls of a city built by King Solomon to commemorate the ground on which David slew Goliath.

j-h-c 10 minutes $2.70

ANCIENT CHINESE PAINTINGS IN AMERICA (H, Color)

Using selected examples from the great Chinese collections in three leading American museums, Mr.

Wango Weng has presented a brief survey of Chinese paintings. The representative art of each dynasty is illustrated.

h-c-a 11 minutes $2.70

ANCIENT EGYPT (C, B & W or Color)

A visit to Egypt to see the great Sphinx, the temple at Karnak and many examples of famous Egyptian sculpture. Three spheres in which the Egyptian civilization has contributed to western culture — development of agriculture and community living, discoveries in the arts and sciences, and evolvement of religion through their polytheism — are developed.

j-h 10 minutes B&W $1.50, Color $2.70

ANCIENT GREECE (C, B & W or Color)

Many of our traditions and much of our knowledge come from the Greeks. Film shows Greek art, architecture, and gives some idea of Greek philosophy. Also excellent visualizations of the way the city of Athens, with the Acropolis, must have looked about 500 B.C., when it was in its glory.

j-h 10 minutes B&W $1.50, Color $2.70

ANCIENT MESOPOTAMIA (C, B&W or Color)

The contributions of the Sumerians, Semites, Babylonians and Assyrians who occupied the Tigris-Euphrates valley are depicted against authentic locales that include Babylon, Ur and Nineveh. These people were first to use the arch and the wheel. They developed a code of laws, a system of writing and military science — all of which have become a part of western civilization.

j-h 10 minutes B&W $1.50, Color $2.70

ANCIENT PETRA (EB, Color)

An archeological study of ancient Petra, a city of red sandstone caves in the heart of the Arabian desert. We see the effects of Edomite, Arab, Greek, and Roman architecture on this city which was laid under a curse in the time of Moses.

j-h-c 10 minutes $2.70

ANCIENT ROME (C, B & W or Color)

As a city, as a religious center, as capital of an empire, ancient Rome dominated the people of its times. Even in our modern world, the Roman influence is profound. The achievements of Rome in government, in architecture, in engineering are presented, establishing our specific inheritance from that culture.

i-j-h 10 minutes B&W $1.50, Color $2.70

ANCIENT WORLD INHERITANCE (C, B & W or Color)

Illustrates many of our debts to Egyptians, Babylonians and other ancient people. Produced in cooperation with the Oriental Institute, University of Chicago.

i-j-h 10 minutes B&W $1.50, Color $2.70

AND NOW I SEE (ULS)

Tells the story of a church councilman and his growth in Christian stewardship.

j-h-a 37 minutes $4.45

AND SO THEY LIVE (NYU)

Pictures the tragic poverty of the land in a rural southern community, the lack of proper diet, housing, and sanitation, and the need for better adaptation of the school program to the problems of the community. Presents a detailed and intimate picture of the family, the real affection and respect among the family members emerging as clearly as the unfortunate social and economic circumstances under which they live.

h-c-a 25 minutes $3.70

AND THE EARTH SHALL GIVE BACK LIFE (SQ)

Explains for the layman just what the wonder drugs are, what they do, and how — when they are used — the earth is in effect actually "giving back life."

j-h-c-a 25 minutes $1.50

AND THEN ICE CREAM (NYU)

Deals with the familiar issue of children's meals. Should the child's appetite determine his intake, or not? First episode centers on two children in a school in which at least the major portion of the main course must be eaten before the child is entitled to his ice cream. The second episode shows two children in a nursery school where, beyond the teachers invitation to taste everything, what is eaten is up to the child.

c-a 10 minutes $1.85

AND THEN THERE WERE FOUR (MTP)

Five persons start out for work in the morning — none of them exactly a reckless driver. But carelessness will cost one of them his life before evening. Narrated by Jimmy Stewart, it is a dramatic lesson in traffic law observance.

h-c-a 27 minutes $3.70

ANDANTE ET RONDO (OF)

Gregor Piatigorsky, concert cellist, presents tonal magnificence of rare quality in this brilliant rendition of Weber's "Andante et Rondo."

j-c 5 minutes $1.85

ANDES, THE (HFE)

The story of an unusual mountain range, how it is responsible for the climate, resources, and boundaries of a nation, and how it governs the lives of the people of Chile. Simple animated drawings show the effect of the Andes on Chilean climate and natural resources.

j-h-c 11 minutes $1.85

ANDRES SEGOVIA (WAR)

The great guitarist, Andres Segovia, permits the audience into the seclusion of his Paris studio as he talks and discusses his instrument, playing compositions to illustrate his subject. Playing traditional and contemporary numbers, he is seen and heard in the "Prelude," Bach; "Theme and Variations," Sor; "Sonatina," Torroba; and, "Spanish Song," Traditional.

h-c-a 26 minutes $3.70

ANDREW CARNEGIE (EB)

Reviews his life from his poverty-stricken youth in Scotland to the time when he becomes a builder of American industry. Depicts his trials and successes while working in a telegraph office, and follows his career through the years when he built the world's greatest steel-producing system. Outlines the many philanthropic activities after he realized the fulfillment of his youthful dreams.

j-h-a 22 minutes $2.65

ANDREW JACKSON (EB)

Portrays episodes in the life of America's seventh president who has become the symbolic representative of the common man in government. Scenes of his boyhood; highlights of his military career; events in his years as President. Reveals his inauguration of a policy which led to the spoils system, and explains his attack on the United States Bank.

j-h-a 22 minutes $2.65

ANDY'S ANIMAL ALPHABET (McGH, Color)

A trip through the Bronx Zoo with Andy, the zoo's orangutan. Visits are made to animals — some strange and some familiar — whose names begin with different letters of the alphabet.

p-i 10 minutes $2.70

ANGEL OF MERCY
(TFC, Restricted to Classroom Use)

The story of Clara Barton, who gave the very best of her efforts in an attempt to place the women on an equal footing with the men of the world is dramatized most effectively in this appealing and moving biographical film. Her efforts finally gave birth to the Red Cross organization as it is now.

i-j-h-c 11 minutes $1.85

ANGLES (KB)

Defines various types of angles and explains their relationships. Shows how to construct angles by means of intersecting lines, and how to measure them with a protractor.

h-c 11 minutes $1.85

ANGLES AND ARCS IN CIRCLES (KB)

Deals with measurement of central angles, arcs, inscribed angles, and angles formed by two chords. Theorems and proofs are introduced and demonstrated.

h-c 11 minutes $1.50

ANGRY BOY (IFB)

The story of Tommy Randall who, having been caught stealing in school, is sent to a child guidance clinic, instead of being treated as a criminal. An investigation by members of a psychiatric team at the clinic reveals that Tommy is suffering from an emotional disturbance which is traced to its basic causes. How his mother is helped to understand Tommy and how Tommy, himself, learns to accept and handle his feelings through the process of psychotherapy, provides the main drama of the picture. At the end, Tommy is on his way to recovery and the audience has been given some understanding of how unconscious motivation affects the behavior of both children and adults.

c-a 33 minutes $3.70

ANIMAL CUNNING (SPI)

Shots of a wide variety of animals showing their instinctive cunning and alertness in the struggle for existence. Shows a raccoon going through a man's pockets searching for sugar; also carefully washing an egg before eating it; the kinkajou and coatimundi; the anteater whose long tongue makes quick work of a heap of ants; the Pacific pocket mouse; a cormorant swallowing a large fish; the iguana whose formidable tail enables him to beat off a hungry vulture, but who is in turn defeated in a battle with a puma.

h-c-a 11 minutes $1.85

ANIMAL HOMES (EB)

Settings and exterior scenes of where animals live, in the trees, in the ground and in the water. Inside views are shown in the homes of the trapdoor spider, raccoon, woodchuck, squirrel, wood mouse and others.

i-j 11 minutes $1.85

ANIMAL HOTEL (TFC)

This film depicts part of a collection of eight hundred species of wild animals and birds from all over the world at the Smithsonian Institution. Shows how the animals are cared for and fed.

p 11 minutes $1.85

ANIMAL LAND (SF)

Maybe the reason you haven't seen animal land is because it's so tiny. At any rate, right now the inhabitants of animal land are busy trying to fight a flood. The water rises higher and higher, and the people in animal land build their dikes higher and higher — all except one, who selfishly keeps his food and his logs to himself. When the flood comes, they all flee to the hill; except the selfish one, who thinks he can ride out the flood alone in his house. The house upsets and he is drowned, but the rest of the inhabitants of animal land are safe.

p-i 9 minutes $1.85

ANIMAL LIFE (EB)

After a rapid review of the main types of animals, the film presents a study of animal functions. An animated diagram of the tree of life is presented, together with views of the main types of animals, including sponges, coelenterates, echinoderms, worms, molluscs, crustaceans, insects, and vertebrates (fishes, amphibians, reptiles, birds, and mammals). To present animal functions, illustrations of locomotion, food intake, digestion, waste disposal, respiration, and nervous system activity are given. Animated diagrams make these illustrations more clearly understood.

h-c 11 minutes $1.50

ANIMAL STORIES: A SUMMER'S TALE (RKO)

A story of life in a forest with the central character a baby fox who has lost his mother.

p-i-j 10 minutes $1.85

ANIMAL STORIES: JUNGLE JAUNT (RKO)

A story featuring two trained lion cubs, a rat, a monkey, a skunk, and a lamb.

p-i-j 10 minutes $1.85

ANIMAL TRAINING: DOG OBEDIENCE (RKO)

The education of a dog at the New England Dog Training Club.

j-h 10 minutes $1.85

ANIMAL TRAINING: KENNEL KINGS (RKO)

Training of Champion dogs climaxing in a dog show.

j-h-c 10 minutes $1.85

ANIMAL TRAINING: POLO PONY (RKO)

The training of a Polo Pony.

j-h-c 10 minutes $1.85

ANIMAL TRAINING: SCHOOL FOR DOGS (RKO)

Dog Training culminating in the famous Westminster Kennel Club Show.

j-h-c-a 10 minutes $1.85

ANIMAL TRAINING: SHOW HORSE (RKO)

How a show horse is developed and trained.

j-h-c-a 10 minutes $1.85

ANIMALS GROWING UP (EB)

Traces growth and development of representative baby animals during the first few weeks of life. Animals depicted include a litter of puppies, a new-born calf, and a hatching of chicks. The film illustrates how mother animals care for their young, and close-up scenes portray the physical changes taking place in the young animals at intervals of several days and weeks.

p-i 11 minutes $1.50

ANIMALS IN MODERN LIFE (EB)

The major objectives of this sound film are first, to familiarize pupils with domesticated animals the world over; second, to show the three principal reasons for their domestication — to furnish power, clothing materials, and food; and third, to give an appreciation of a world in constant evolution by showing changes in the various uses of animals. Picturesque and typical illustrations from all over the world are used. This film has highest usefulness introducing a unit of study, and for review.

i 11 minutes $1.50

ANIMALS IN SUMMER (EB, Color)

The animal photographer, Lynwood Chase, turns his lense upon a dozen or more common animals of the woods during the summer months. From the fish and frog to insects and meat eaters, we see the animals seeking food and sheltering their young from their enemies.

i-j 11 minutes $2.70

ANIMALS IN WINTER (EB)

Tells how animals adapt themselves for winter, how they change the color of their hair or fur and how they survive during the months of snow. Animals shown in this film include the badger, woodchuck, chipmunk, owl, rabbit, porcupine, bobcat, fox. It shows the changes that take place in larvae for the winter months. The preparations each makes for its winter fight for survival is clearly shown.

i-j 11 minutes $1.50

ANIMALS OF THE FARM (M, Color)

A tool to familiarize the young student with the common farm animals, and to introduce them to a study of the value of domesticated animals to society. In the form of a slowly paced tour, it takes the audience behind the farmer's fences to secure a close-up view of barnyard activity.

p-i 10 minutes $2.70

ANIMALS OF THE ZOO (EB)

Feeding time at the zoo! This gives us a splendid opportunity to see not only the animals themselves, but the different kinds of food they eat. For some of the animals the zoo has reproduced the conditions of their native homes. Among the film stars are the lion, tiger, eland, giraffe, bison, hippopotamus, rhinoceros, elephant, monkeys, sea lion, and the bears.

p-i 11 minutes $1.50

ANIMALS UNLIMITED (ASF, **B&W** or **Color**)

Depicts wild animal life in its natural state in Kruger National Park. Shows remarkable scenes of wild beasts living, fighting and dying. Includes lions, zebras, antelopes, giraffes.

p-i-j 22 minutes B&W $3.00, Color $4.00

ANIMATED CARTOONS: THE TOY THAT GREW UP (AFF)

Although magic lanterns had been in vogue for many years, it was not until the invention of a child's toy that another step was taken towards today's motion pictures. The film shows how that toy, called the "traumatrope," led the Belgian physicist, Joseph Plateau, to study a characteristic of the human eye called "the persistence of vision." Plateau used this scientific fact to make up a machine that seemed to animate static drawings. Emil Reynaud developed Plateau's machine further and was the first to show animated cartoons. Reynaud perfected his machine, the "Praxinxoscope," to such a degree that with it he could put on a real theatrical performance lasting a full quarter of an hour. The animated cartoons of Reynaud, of which one complete story is shown in the film, are as full of fantasy and almost as precise as the product of today's animation studios.

general 20 minutes $2.25

ANIMULES (IFB, **Color**)

All you need is newspaper, paste, some wire and string, paper toweling, and paints to make some interesting and unusual "animules." The film shows how the basic body parts can be formed, and from there the builder's imagination can take over in developing all sorts of odd or unusual creations.

i-j 11 minutes $2.70

ANNA KARENINA
(**TFC, Restricted to Classroom Use**)

A school version of MGM's feature picture of the same name.

j-h-c 40 minutes $5.00

ANNAPOLIS (McGH)

The Naval Academy in terms of its customs, traditions, and guiding principles, together with the seriousness and hard work which make up the life of a "Plebe."

h-c-a 16 minutes $2.65

ANOTHER LIGHT (IFB)

Film presents how people of a small town changed their attitude toward their new hospital, how they came to appreciate its value, and how they saw the need for giving it continuing financial support.

h-c-a 23 minutes $3.00

ANSWERING THE CHILD'S WHY (EB)

Brings to light important aspects of the period when the child begins to ask questions. Dramatizes true-to-life situations in which youngsters meet with positive or negative attitudes toward their questions and suggest the resulting effects on their personalities. A valuable film for helping children make a harmonious adjustment to the world about them.

h-c-a 14 minutes $2.25

ANT CITY (NA)

The complete and complex society of ants is laid bare before our eyes. Their architecture, social and economic perfection, ability to organize and control, their habits, work and detailed activities are all astonishingly revealed.

j-h-c-a 11 minutes $1.85

ANTIBIOTICS (EB, **B&W** or **Color**)

Illustrates an important new weapon in man's fight against disease. Defines antibiotics and shows how they have been used successfully in medicine. Highlights research in the development of antibiotics and calls attention to the mass production of penicillin. Also indicates use of antibiotics in animal husbandry and food preservation.

h-c-a 14 minutes B&W $2.25, Color $3.85

ANTONY AND CLEOPATRA (YA)

A faithful condensation of the play with a professional cast and the highest technical standards.

j-h-c-a 33 minutes $4.50

ANTS (EB)

The film reveals various activities of four different types of ants — mound builders, black ants, household ants, and carpenter ants. The life cycle of the carpenter ant is shown in detail; this includes such activities as a queen laying eggs, workers caring for pupae, a female pupa emerging from her cocoon, and preparation for the mating flight. A battle between colonies of mound builders and wood ants is shown.

i-j 11 minutes $1.50

ANYONE AT ALL: SAFETY IN THE COMMUNITY (EB, Color)

In three unified parts accidents and their causes are dramatized — in the factory, in the home, and on the highway. Film is climaxed with positive suggestions on what each individual can do to promote safety.

h-c-a 22 minutes $4.25

ANZACS IN ACTION
(TFC, Restricted to Classroom Use)

The story of troops from Australia and New Zealand and their training for World War II. Parts of the rugged training for ground troops and Air Force gunners and bombardiers.

general 10 minutes $1.85

APACHE INDIANS (C, Color)

Natural setting and color picturization of several tribal ceremonies.

i-j-h-c 10 minutes $2.70

APHIDS (EB)

Most aphids have no fathers or even grandfathers. Some are born alive, while others hatch from eggs; only a few have wings. Ants keep them as cows, while the aphid itself secures its food in an unusual way. It is beset by a host of enemies, among whom is man. These scenes are supplemented by an animated drawing of the aphid's life cycle. It is an excellent picture of a little known creature.

j-h-c 11 minutes $1.50

Social Problems

I AM AN ALCOHOLIC
CHALLENGE OF HOUSING
CHILDREN ON TRIAL
A CLOSED BOOK
DRUG ADDICTION
STEPS OF AGE
RURAL REDEVELOPMENT

APPALACHIAN TRAIL (USIA)

Explains the development and purpose of the Appalachian Trail extending over 2,000 miles of the Appalachian mountains along the Eastern seaboard of the United States; and includes scenes of campers, hikers and explorers using the trail as a mountain playground.

h-c-a 11 minutes $3.00

APPIAN WAY, THE (AFF)

A camera trip along the Appian Way in Italy, showing European Recovery Plan aid helping the Italians in dozens of ways to construct a new and better Italy.

h-c-a 10 minutes $1.50

APPLE HANDLING METHODS (USDA, Color)

Shows ways of increasing the efficiency in the handling and storing of apples, and indicates the equipment and labor costs of different methods.

h-c-a 30 minutes $1.00

APPLES (FROM SEEDLING TO MARKET) (EB, Color)

Uses the Delicious apple to trace the major steps of apple growing and packing — from planting and grafting stages through shipment of the packaged fruit. Features modern methods of horticulture including the use of helicopters for dusting the growing trees as protection against insect pests. Illustrates both natural and artificial methods of pollination. Emphasizes the care the trees and fruit receive during all stages of growth. Sequences on packing operations include scenes of washing, sorting, inspecting, wrapping, and packing.

p-i 11 minutes $2.70

APPLICATION OF PASCAL'S LAW: PART I (UW)

Reviews Pascal's law and studies in input and output pistons and the system in actual motion. Demonstrates how work is done by a hydraulic system and the measurement of work.

j-h-c 12 minutes $1.50

APPLICATION OF PASCAL'S LAW: PART II (UW)

Demonstrates Pascal's law, using two output pistons and broadens information contained in previous film. Explains the principles of hydraulic brakes and the hydraulic jack.

j-h-c 15 minutes $2.65

APPRECIATING OUR PARENTS (C)

Here is a film that will serve as an important guide to promote a more genuine appreciation of parents and to establish attitudes of respect and affection for mothers and fathers. Students will realize the sacrifices made by parents and will so gain an insight into their role in the parent-child relationship.

p-i-a 11 minutes $1.50

APTITUDES AND OCCUPATIONS (C)

Points out that each individual possesses various amounts of many types of human aptitudes. Six of these aptitudes — clerical, mechanical, social, musical, artistic and scholastic are shown with methods to test them by means of psychological tests.

h-c 20 minutes $2.65

ARAB CHIEF MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

ARABIAN BAZAAR (EB, Color)

Technicolor photography portrays a Bedouin bazaar as a center where nomads buy food, blankets, leather and metal goods, exchange news and gossip, and enjoy a cup of coffee with friends.

i-j-h 10 minutes $2.70

ARABIAN CHILDREN (EB)

Life and work of Arabian Children and their parents. Shows how all the children participate in getting work done. Sequences of the following are shown: School and how it is conducted; herding of sheep; their games; their recreation, their religion and what they eat and how it is prepared.

p 17 minutes $3.35

ARABIAN VACATION (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

ARACHNIDS (UW)

The life cycle, body structure, habitats, and special adaptations are studied by observing the garden spider. Web-spinning, food-getting, coition, and cocoon-spinning are shown. Relatives of spiders seen are: king crab, scorpions, harvestmen, mite, and tick.

h-c 10 minutes $1.85

ARCH AGAINST THE SKY (WPP)

Shows the advantages of a steel quonset farm building for controlled drying of corn. When not used for drying corn, this type of building can be used for other purposes; its versatility meaning greater farm profits.

a 22 minutes Handling charge, $1.00

ARCHERY: ARROW POINTS (RKO)

Archery with expert Andre Vail.

h-c-a 20 minutes $2.65

ARCHERY: BOW STRINGS (RKO)

Archery technique and tackle demonstrated by experts Russ Hoogerhyde, five times national champion, and Jean Tenney, woman's national archery champion in 1937 and 1938.

j-h-c-a 20 minutes $2.65

ARCHERY FOR GIRLS (C)

One of the most ancient of human skills, archery today is a fascinating and healthful sport for people of all ages. It is particularly well adapted to group instruction among girls of high school and college age. With experts demonstrating, the film shows and explains the fundamental techniques of shooting: proper stance, nocking the arrow, the draw, the aim, and the loose. Stressing relaxation and practice, it is popular with beginners and experts alike.

h-c 10 minutes $1.85

ARCHIMEDES' PRINCIPLE (EB)

Recreates Archimedes' experiments under conditions that show the development of his Principle. Demonstrates experimentally the measurement of the buoyant force of fluid upon an immersed solid.

j-h 6 minutes $1.50

ARCHITECTURE OF MEXICO (EAS, Color)

Pictures the architecture of modern Mexico and the architects who have contributed to this complete break from European tradition. Shows the new housing developments, the homes with the modern look, the University of Mexico with its new library, stadium, and dormitories decorated with the unusual and picturesque sculpturing and mosaics of Mexico.

j-h-c-a 20 minutes $5.00

ARCHIVES, THE
(TFC, Restricted to Classroom Use)

The approach to the Archives Building is pictured with its two statues, "Heritage" and "Vigilance," upon which the words "Eternal vigilance is the price of liberty" are chiseled. Bronze doors swing open to reveal the Exhibition Hall where some of the greatest documents of freedom and peace are on display. Valuable records are shown in the Search Room being reconditioned and treated for permanent filing, in the photostat room being copied on durable paper for public handling, and in the storage vaults where historical records are preserved on films and recordings.

j-h-c 10 minutes $1.85

ARCTIC BORDERLANDS IN WINTER (C)

Takes students of Churchill, Manitoba, in the late autumn for a visit that will last through the winter. Here they have an opportunity to study the land itself and the way in which all living things adapt themselves to it.

i-j-h-c 11 minutes $1.50

ARE MANNERS IMPORTANT? (EB)

Mickey Taylor learns why manners are important after some rather trying experiences. The why and wherefore of the use of manners is fully illustrated.

i-j 11 minutes $1.50

ARE YOU A GOOD CITIZEN? (C)

Mr. Heineman has just been chosen to preside over the "Citizenship Day" celebration. In this film you see why he is considered such a good citizen. A check-list of good citizenship essentials is provided, and you learn a new appreciation of the role of democratic institutions in our way of life.

j-h-c 10 minutes $1.50

ARE YOU POPULAR? (C)

Crystallizes teen-age problems of social behavior into a vital, compact guide to boy-and-girl proprieties and popularity. An attractive cast portrays realistically familiar situations and characterizations.

j-h-c 11 minutes $1.50

ARE YOU READY FOR MARRIAGE? (C)

Here is an important film that answers a need long-voiced by educational, church, and social groups. A couple, who want very much to get married, discover what it takes to be ready for marriage. A variety of vital teaching points are made a practical "checklist" of criteria for engagement and marriage is offered by a marriage counselor.

h-c-a 17 minutes $2.25

ARE YOU READY FOR SERVICE SERIES: COMMUNISM (C)

A quite calm objective presentation of the birth and growth of communism, and why the terribly hard life of the Russian peasant was such a fertile ground for the original growth of the idea; how the original idea of betterment of the working classes has grown into the dream of world domination by the Russian leaders; and why it is imperative that we meet this threat.

h-c 11 minutes $1.50

ARE YOU READY FOR SERVICE SERIES: GETTING READY EMOTIONALLY (C)

Most of the time in school we know where we stand, what we can and can't do. Emotional demands on us are not great. In the service, there are many new emotional demands. Education is for killing — repugnant to most of us. There is the problem of homesickness, and the problem of taking orders. We can't just go home when we want to. It will be much easier if we take stock of ourselves now — what our weaknesses are, where we need the most self-discipline — and begin to work to overcome those weaknesses before we enter service.

h-c 10 minutes $1.50

ARE YOU READY FOR SERVICE SERIES: GETTING READY MORALLY (C)

When entering service you will meet a lot of new people, not the least important of which is yourself. You must get a picture of the kind of person you want to be, and live in accordance with that standard. It is very easy to accept everybody else's standards, but in the end you must live with your own. Film is specific about ways in which young men entering service can live up to their own standards. It is not preachy or overly-moralistic.

h-c 10 minutes $1.50

ARE YOU READY FOR SERVICE SERIES: GETTING READY PHYSICALLY (C)

Service makes great demands on physical strength. Anyone who is entering service in the near future can make his basic training period and his whole service life very much easier by beginning now to develop his physical condition. The armed forces have worked out certain minimum physical standards. The film tells what those standards are, how to check yourself to determine how closely you measure up to them, and what to do to improve yourself.

h-c 10 minutes $1.50

ARE YOU READY FOR SERVICE SERIES: MILITARY LIFE AND YOU (C)

Discipline learned on the parade ground pays off everywhere in military life. The film draws parallels between situations in daily life where you need discipline, and situations in military life. It isn't really too different — and going by the rules is very important in the service.

h-c 10 minutes $1.50

ARE YOU READY FOR SERVICE SERIES: NATION TO DEFEND (C)

All of us have a stake in the future of our nation. For this reason, we have to be willing to defend it, now and in the future. The men who founded the nation gave their lives, their money — everything that they had — to help get it started. If we wish to keep it the way we inherited it from them we must be willing to fight to defend it.

h-c 10 minutes $1.50

ARE YOU READY FOR SERVICE SERIES: SERVICE AND CITIZENSHIP (C)

Good citizenship is important both out of service and in. All citizens of the United States have certain responsibilities to that citizenship. One of the heaviest of those responsibilities is service in the armed forces. But those of us who are not in service have responsibilities also, and accepting them is part of our job. For those who will shortly enter service, facing these responsibilities is important preparation for the further responsibilities of military service.

h-c 10 minutes $1.50

ARE YOU READY FOR SERVICE SERIES: STARTING NOW (C)

The struggle between Communism and Democracy is serious, and life in service is demanding. We know that sooner or later we will be faced with it. The best way to face that fact is to start *now* to prepare for it. Time slips away rapidly, and it is very easy to put the preparation off to the last minute, when it is too late. Film shows what can be done, now, to prepare for future military service.

h-c 10 minutes $1.50

ARE YOU READY FOR SERVICE SERIES: WHAT ARE THE MILITARY SERVICES (C)

Explains the many specialized jobs in the military services, and points out the "division of labor" between the Army, Navy, Marines and Air Force. Shows how this team, working together, operated to capture an island during World War II.

h-c 10 minutes $1.50

ARE YOU READY FOR SERVICE SERIES: WHAT IT'S ALL ABOUT (C)

Young men are being selected today for service in the armed forces. Why? The film is the first in a series which answers many problems which young men in service will have to face, the first of them being, why am I here? Shows the efforts the United States has made to preserve freedom and peace at the same time, and why we must be willing to make sacrifices if we wish that freedom to continue.

h-c 10 minutes $1.50

ARE YOU READY FOR SERVICE SERIES: WHEN YOU ENTER SERVICE (C)

Just what are the first days in the service like? This film shows the things that almost every recruit in every branch of the service goes through; clothing issue, assignment to barracks, shots, classification tests, drill. Some of the things a recruit needs to bring from home, and how he can get additional things that he has forgotten to bring.

h-c 11 minutes $1.50

ARE YOU READY FOR SERVICE SERIES: WHY YOU? (C)

Even when we have the big picture of why we are fighting and why we need a strong army, it is sometimes difficult to figure why they take us, as individuals, rather than some other fellows. A young man in the induction center starts figuring, eliminating certain groups of people for various reasons, until he is left with one group — young men of his age group with no dependents, and who are healthy enough and strong enough to do the job. The job is up to them.

h-c 11 minutes $1.50

ARE YOU READY FOR SERVICE SERIES: YOUR INVESTMENT IN THE FUTURE (C)

Life in the service provides a real opportunity for attaining maturity — learning to live and work with all kinds of people and learning to handle your own problems. It is not a "gap" in your life, it affords an opportunity to plan and prepare for your future. It also offers an opportunity to invest in the future of the whole country by making sure the country is strong enough to have a future.

h-c 11 minutes $1.50

ARE YOU READY FOR SERVICE SERIES: YOUR PLANS (C)

What's the use of a young man studying and trying to prepare for the future when he will probably be drafted before his plans materialize? The film points out the feasibility of planning for a future that *includes* a period of service in the armed forces, plans that will enable him to pick up again when he gets out. Also shows effectively the value planning can have for him in preparing to go into the service and what it can do while he is in.

h-c 10 minutes $1.50

AREAS (KB)

The needs and uses for finding areas of various figures are presented in this film. It shows clear, graphic demonstrations of recognized methods for the computing areas of rectangles, parallelograms, triangles and circles.

h-c 11 minutes $1.85

ARGENTINA (EB)

Depicts the modern metropolis of Buenos Aires as the commercial, financial, and industrial hub of predominantly agricultural Argentina. A grain broker and a packing plant employee, together with the family of the latter, are introduced as representative city dwellers. Following a portrayal of the vast pampas region as the source of Argentina's agricultural wealth, the dependence of the city on the rural hinterland is again emphasized. Spanish dialog is periodically incorporated into the film story.

i-j-h 11 minutes $1.50

ARGENTINE ARGOSY (TFC)

A sweeping panorama of Argentina with glimpses of city life, the great cattle ranches and farms, the mountains and lakes in Western Argentina.

h-c-a 11 minutes $1.50

ARITHMETIC FOR BEGINNERS (BFS)

Designed for teaching of simple addition and subtraction. Explains the 2,3,4,5, and 6 families of numbers by the use of animated toy figures.

p 18 minutes $3.00

ARIZONA (INF, Color)

Historical, scenic, and industrial highlights of Arizona, with emphasis upon the Navajo Indians who live in the State.

i-j-h-c-a 10 minutes $2.70

ARMY AIR FORCES — PACIFIC (OWI)

Review of the AAF from Pearl Harbor to the atomic annihilation of Nagasaki.

j-h-c 18 minutes Handling charge, $1.00

ARMY AIR FORCES REPORT (OWI)

General Arnold's report (1944) on the AAF in film form.

general 40 minutes Handling charge, $2.00

ARMY-NAVY FOOTBALL GAME — 1947 (AFC)

Here is your opportunity to have a 50-yard line view of this famous American event. A great football game with many exciting plays. See Army's Rip Rowan's record-breaking, 92-yard touchdown run in slow motion. You will be inspired with the marching of the Cadets and Midshipmen and enjoy the stunts put on by the students of these two Academies.

20 minutes $2.65

ARMY NURSE (OWI)

Dramatic picturization of the role taken by American women serving with the armed forces.

j-h-c 18 minutes Handling charge, $1.00

AROUND THE ACROPOLIS (TFC, Restricted to Classroom Use)

A picture of modern, busy Athens with the Acropolis as a background, with orchestral accompaniment.

j-h 9 minutes $1.85

AROUND THE CORNER (JH)

Deals in interesting fashion with the difficult problem of making clear the operation of the automobile differential. We see that it is possible for wagon wheels to travel at different speeds because each one can turn freely on the axles.

Early automobiles are seen operating this way, encountering difficulty since only one wheel was driven by the engine and thus was not always able to get enough grip on the road. Engineers had to find a way to connect both rear wheels to the engine without sliding and slipping on turns. The solution was the differential.

In a step-by-step demonstration a simple differential is built up, showing its exact operation in an understandable manner.

j-h-c 9 minutes $1.85

ARRANGING THE TEA TABLE (EB, Color)

Illustrates the reasoning behind attractive and correct tea-table arranging. The setting of tea for a group is used to point out the use and placement of silver, flowers, candles, tea service for two, and pouring settings.

j-h-c-a 5 minutes $1.60

ARROWSMITH (TFC, Restricted to Classroom Use)

Excerpt from the feature film of the same name which is concerned with the issue of experimenting on human beings.

h-c 11 minutes $1.85

ART: DRY PAPER MODELING (UOK)

Encourages creative expression in making fanciful figures with dry paper, paste, gummed strips and tempera paint. Step-by-step demonstration and explanation of construction techniques and a display of creations by primary, elementary and adult students puts emphasis on imagination and originality.

p-i-j-h-c-a 18 minutes $2.65

ART AND LIFE IN ITALY (C, B&W or Color)

In this exciting film, students will see the art of Italy as the result of the activities of the Italian people in the land in which they live. Through the eyes of Coronet's overseas cameras, audiences will stand on the streets of Florence, walk through the "Gates of Paradise" by Ghiberti, go into the Arena chapel in Padua and see Giotto's frescoes and view other historic monuments and works of art.

j-h-c-a 11 minutes B&W $1.50, Color $2.70

ART AND MOTION (EB, Color)

Demonstrates the relationships between movement in nature, in space-time concepts, and in abstract art forms. Opens with a sequence of movement in nature. The second sequence introduces the space and time concept of movement. The third sequence uses a fireworks display showing the burst and dispersal and tracer patterns. The design is stressed and translated to mobiles by Usher and Calder. The fourth sequence utilizes clips from the "COLOR FRAGMENTS" by Elwood Decker to relate movement to a Van Gogh landscape "Starry Night."

j-h-c-a 20 minutes $4.25

ART DIRECTOR (TFC)

Explains the work of the set creators, providing an interesting, dramatic look into the research required to provide authentic settings and backgrounds for the different types of production. Shows Hollywood art directors at work and presents every step in the creation and construction of the motion picture set.

general 11 minutes $1.50

ART FOR EVERYBODY (NFBC)

Pictures the functions of the art gallery in the community, and shows how it acts both as an art repository and as a stimulus to the cultural life of the city.

c-a 10 minutes $1.85

ART IN AMERICA (McGH)

Depicts leading American artists today, important paintings and art work.

h-c-a 27 minutes $3.70

ART IN OUR WORLD (BFS, Color)

Discloses sources of inspiration in man's environment and interprets these forms through the eyes of the creative artist. Designed to increase the art student's sensitivity to the world of movement, acquaint him with some of the successive phases of movement, and develop an urge to explore movement and investigate change in all its forms.

j-h-c-a 11 minutes $2.70

ART INSTITUTE (AFR)

The collection at the Chicago Art Institute covers the span from ancient to modern art. Part of the film is devoted to classroom scenes of students at work with linoleum block printing, pottery making, textile design, painting, and sketching.

h-c-a 10 minutes $1.85

ART INSTITUTE OF CHICAGO, THE (IFB)

Presents an interesting and characteristic picture of activities and exhibitions at a great museum of art.

j-h-c-a 10 minutes $1.85

ART OF LEATHER CARVING (POR)

Joey Smith, a leading craftsman and teacher of leather art, demonstrates his skills by decorating a handbag with a floral design.

j-h-c-a 10 minutes $1.85

ART POINTS THE WAY (ASF, Color)

An actual classroom situation in one of our Elementary Public Schools.

i-j-h-c-a 10 minutes $2.70

ART TREASURES FROM THE VIENNA COLLECTION (IFB, Color)

Taken at the Royal Ontario Museum 1950.

h-c-a 33 minutes $15.00

ARTERIES OF LIFE (EB, Color)

Graphically explains the last two important links in the chain of life, the parts played by water and forests. It is vividly shown that topsoil is helpless in supplying life unless aided by water, and that water itself depends upon the forests which provide humus to store and regulate its flow. Other titles in this series are: Birth of the Soil, Seeds of Destruction, and Vital Earth.

j-h 11 minutes $2.70

ARTERIES OF NEW YORK CITY (Rev. 1952) (EB)

Intended to clarify elements which influence the development of a city's transportation facilities. Factors considered include the distribution of residential and business sections; the daily flow of people between these sections; transportation planning; subway, suburban train, ferry, bus, and automobile traffic systems; the roles of highways, bridges, and tunnels; and police regulation including traffic direction from the air.

j-h-c 10 minutes $1.50

ARTICLE 55 (UNFD)

Shows the technical assistance given to Bolivia under Article 55 of the United Nations Charter, which provides for the U. N. to promote economic and social progress development, in order to seek the creation of conditions of stability and well-being necessary for peace among nations.

h-c-a 10 minutes $1.85

ARTICULATORY MOVEMENTS IN THE PRODUCTION OF ENGLISH SPEECH SOUNDS: I CONSANTS (VA) (Color)

Illustrates the production of speech through the use of animated drawings of the breathing process and direct photography of the movements of the lips, mandible, tongue, velum, pharyngeal constrictor muscles as shown in illustrations of oral continuant consonants, nasal continuants, plosives and affricatives commonly present in American speech.

c-a 25 minutes $8.00

ARTICULATORY MOVEMENTS IN THE PRODUCTION OF ENGLISH SPEECH SOUNDS: II: VOWELS AND GLIDES (VA) (Color)

Through live action photography of the movements of the laryngeal and articulatory structures, illustrates the production of vowels and their movements with glide sounds. Shows the importance of resonance as a

The PHOTOGRAPHER

Magnificent black and white photography tells of the life and work of Edward Weston.

30 MINUTES RUNNING TIME **$3.70 PER WEEK**

factor in speech intelligibility through samples of connected speech.

c-a 26 minutes $8.00

ARTISANS OF FLORENCE (IFF)

The Institute of Art in Florence, Italy, furnishes the setting for a film which shows many phases of Italian art and handicraft: ceramics, drawing, sculpturing, leather tooling, silver hammering, and jewelry designing. Also shows Italian home life and Italian agriculture. Closes with a "festa del l'Uva" — the Feast of the Grapes.

j-h-c-a 20 minutes $3.00

ARTIST AND NATURE (BFS, Color)

Discloses sources of inspiration in man's environment and interprets these forms thru the eyes of the creative artist. Designed to stimulate original thinking and creativeness, to direct attention to the way a creative artist sees and interprets his native environment, to help students become aware of the opportunities in their environment for enjoying art, and to inspire a search for experiences which will aid in understanding and using art in everyday living.

j-h-c-a 11 minutes $2.70

ARTS AND CRAFTS OF MEXICO (EB)

In the fascinating background of Old Mexico, native craftsmen are shown in their home workshops. Spinning sheep's wool, the weaving of serapes (sleeveless coat-like blankets), basket-making, glass blowing, and pottery-making are treated in detail. The film concludes with a display and discussion of Mexico's famous Guadalajara pottery.

j-h-c 11 minutes $1.50

ARTUR RUBINSTEIN (WAR)

Rubinstein in a program ranging from a scene demonstrating his attention to detail in a recording session through a charming sequence as he plays a folk song for his two small children. The soloist in the recording room and in his home, playing: "Spinning Song," Mendelssohn; "Liebestraum," Liszt; "C#-Minor Waltz," Chopin; and "A Major Polonaise," Chopin.

h-c-a 26 minutes $3.70

ARTUR RUBINSTEIN, JASCHA HEIFETZ AND GREGOR PIATIGORSKY (THE TRIO) (WAR)

LIFE Magazine's famous photographic story on the great soloists Rubinstein, Heifetz and Piatigorsky, when in rehearsal, inspired this intimate photographic study of genius at work. The Trio collaborate in the 1st Movement of Schubert's "Trio In B-Flat" and the 1st, 2nd and 3rd Movements of the "Trio in D-Minor" by Mendelssohn.

h-c-a 26 minutes $3.70

AS OUR BOYHOOD IS (AFC)

A story in which education is the hero, showing the strides being made in the improvement of schools and teaching techniques available to the Negro youth in the Southern states. Improvements in educational opportunity provided by better teachers and more adequate buildings have resulted in a higher standard of living for the Southern Negro. These improvements have been brought about thru cooperative efforts of the Negroes, state and local governments, and private organizations. While much progress has been made, all groups are working together to continue the progress already made.

h-c-a 18 minutes $3.00

AS WE FORGIVE (UW)

An old fisherman pampers his younger son, who has a weakness for drink and incurs resentment from the older son, hardworking but stubborn and hot tempered.

When the father nearly loses his life in a storm the two sons are brought to their senses.

h-a 40 minutes $4.45

ASH CAN FLEET
(TFC, Restricted to Classroom Use)

Germany's General Von Hindenberg, interviewed by a group of newspapermen shortly after the close of World War I, attributed Germany's loss of the war to the failure of the submarine campaign. And he attributed that failure to a man who had been dead over 100 years — David Bushnell. Bushnell was the inventor of the submarine, and he was also the inventor of the only really effective weapon against it; the depth bomb. We see Bushnell's first successful underwater foray against the British Fleet in the American Revolution and exciting submarine and submarine destroyer action.

general 10 minutes $1.50

ASHES FROM THE ALTAR (UW)

Presents the idea that, from Moses to Dunkirk, the flame of faith has been worshipped at the altar.

j-h-c-a 15 minutes $2.65

ASSEMBLING IN A JIG: FITTING AND LINING UP (UW)

Shows how aircraft sheet metal parts are fitted together and accurately lined up, how to use skin fasteners, and how to correct misaligned holes.

h-c-a 16 minutes $2.65

ASTRONOMICAL TRIANGLE, THE (USN)

Explains how the astronomical triangle is formed, and its use in determining the position of ships on the earth's surface.

c-a 37 minutes $3.35

AT YOUR COMMAND (EC)

A report to American farmers showing many of the services now available through the Department of Agriculture, oil company tank wagon drivers, county agents, tractor dealers, and college extension courses.

h-c 30 minutes Handling charge, $1.00

ATMOSPHERE AND ITS CIRCULATION (EB)

Animated drawings are used throughout this film to explain the structure and the dynamics of the atmosphere. The first part of the film gives a detailed presentation of the structure, the chemical composition, the gaseous nature, the distribution of air, the weight of air, altitude and pressure and temperature variations throughout the atmosphere. The second sequence shows the circulation of the atmosphere as it would appear on an idealized globe without mountains or oceans. The circulation is explained in terms of the pressure bands surrounding the earth. The actual circulation or wind movements as affected by the earth's rotation are described in detail, both for winds near the surface and for winds aloft.

j-h-c 11 minutes $1.50

ATOM, THE (ALF)

Penetrates the world of molecules and atoms, increased for the sake of visualization, to the size of a cathedral. The splitting of the atom is climaxed by demonstrations of the Bikini atomic explosions and how atomic energy may be harnessed for man's good.

j-h-c-a 10 minutes $1.85

ATOM, THE (BEF, Color)

A dramatic introduction to the problem of the atoms and atomic energy.

i-h 10 minutes $2.70

ATOM AND AGRICULTURE, THE (EB)

Reveals the legitimate areas in which radioactivity can be expected to produce practical results for agriculture. Tells the important story of the use of radioactive tracers with phosphate fertilizers and the effect of the fertilizers on a variety of crops grown under a variety of conditions. Depicts other experiments with plants, soils, and animals — experiments in which radioisotopes and radioautographs are playing an important and significant part.

j-h 12 minutes $2.65

ATOM AND BIOLOGICAL SCIENCE, THE (EB)

Deals principally with the biological effects of high energy radiations. Explains how we are learning to utilize the good effects of these radiations on organisms as well as to guard against their harmful effects. Points out the different types of high energy radiation and explains their varied effects on organisms, making clear that the effects are essentially the same, regardless of the type involved.

j-h 12 minutes $2.65

ATOM AND INDUSTRY, THE (EB)

Reveals how radioisotopes are providing new techniques of measurement and quality control in a wide variety of industries. Indicates how the radiation symbol is becoming a common sight in factories and laboratories and how workers are learning to handle radioactive materials safely. Examines the problem of "atomic energy for industry."

j-h 12 minutes $2.25

ATOM AND MEDICINE, THE (EB)

Dramatically shows how, by taking radioiodine internally, one man's condition was diagnosed and cured. Describes the increasingly important role of radioisotopes in hospitals, clinics, and doctors' offices. Clarifies misconceptions about the handling, cost, dosage, and alleged dangers of radioisotope diagnosis and therapy. Shows clearly the respect with which radiation must be treated and reveals some of the intruments and devices used to handle it.

j-h 12 minutes $2.25

ATOM AND THE DOCTOR (HNF)

Demonstrates thyroid and leukemia tests, and shows application of the atom in medicine taken at the Oak Ridge Cancer Hospital.

j-h-c-a 13 minutes $3.00

ATOM BOMB — RIGHT OR WRONG? (FFM)

Shows the development and use of the atomic bomb during World War II, and raises questions regarding the moral justification of atomic warfare.

h-c-a 20 minutes $2.65

ATOM SMASHERS (EB)

Describes how physical scientists are developing machines and techniques for the production and use of nuclear radiation in many beneficial fields. Calls attention to the importance of accelerators — particularly the cyclotron — and their contribution as tools of nuclear research. Illustrates how the products of "atom smashing" are identified, and demonstrates protective measures taken against the dangers inherent in this research.

j-h 12 minutes $2.65

ATOM STRIKES, THE (UW)

Beginning with the atom bomb tests in New Mexico, the film shows the subsequent bombing of Hiroshima and Nagasaki and the utter ruin caused to buildings of various types, including bridges, factories, and roads.

h-c-a 30 minutes $3.70

ATOMIC ALERT (EB)

Explains the effects of an atomic bomb explosion, and demonstrates protective measures to be taken. What to do in an air raid alert, and in an atomic bomb raid are shown. Designed to create realistic but calm attitudes, the film combines action scenes with animated drawings to achieve desirable attitudes and responses.

i-j-a 11 minutes $2.00

ATOMIC APOTHECARY, THE (MF)

Shows the results of years of investigation on the use of isotopes in biology and medicine. In addition are shown activities from the many newer research centers. A birdseye review depicts research in radioactive dust, calcium absorption in animals and effects of radioiodine in their diet, use of astatine, effect on blood flow, oxygen tension studies, radioactive iron in bone marrow, arteriosclerosis, use of cystine and certain preventive measures against occupational hazards are shown.

h-c-a 38 minutes $4.45

ATOMIC BOMB, THE (BEF)

Simplified treatment of atoms, molecules, structure of matter and atomic energy.

i-h 10 minutes $1.85

ATOMIC ENERGY (EB)

Portrays and explains, by means of animated multiple drawings, concepts basic to an understanding of what atomic energy is and how atomic energy is released.

j-h-c 11 minutes $1.50

ATOMIC PHYSICS (UW)

Part I — The Atomic Theory — starts with the theory as proposed by John Dalton in 1808 and outlines the progress of the nineteenth century, bringing in Faraday's early experiments in electrolysis, Mendeleeff's Periodic Table, and ending with ideas of the size of molecules and atoms which were then current.

h-c 11 minutes $1.50

Part II — Rays From Atoms — demonstrates how cathode rays were investigated and the electron discovered, how positive rays were found and their nature established; how X-rays were found and quickly put to use. The great work of Sir Joseph Thomson is emphasized.

h-c 11 minutes $1.50

Part III — The Nuclear Structure of the Atom — reconstructs the early work of Becquerel and the Curies on radioactivity and shows how Lord Rutherford's work in this field led to his theory of the nuclear structure of the atom. H. G. Moseley's brilliant work in support of this theory is visually shown by animated diagrams.

h-c 18 minutes $2.65

Part IV — Atom Smashing: The Discovery of the Neutron. In this part the research tools of nuclear physics are described and shots of the extraordinary machines now used to bombard atoms are shown. The work of the Joliot Curies and Sir James Chadwick in the discovery of the neutron is explained and its outstanding importance driven home. The splitting of the lithium atom by Cockcroft and Walton in 1932 is discussed and a speech by Professor Einstein explains how their work strikingly illustrated his theory of the equivalence of mass and energy.

h-c 18 minutes $2.65

Part V — Uranium Fission: Atomic Energy. Finally, the events of recent times leading up to the discovery of uranium fission are brought in, and the principal facts of uranium fission are explained in detail. The sequence includes a speech by Professor Frisch who was closely concerned in this work. The film now moves quickly toward its climax, explaining why it seemed possible to make an atomic bomb and showing shots of the great plants in America where work was done; also the ruins of Hiroshima.

h-c 18 minutes $2.65

ATOMIC POWER (MOT)

This film takes you to the early beginning of atomic research and unfolds the story of atomic power. It not only gives the facts and figures but also in each of the re-enacted scenes are found the actual scientists who performed the original experiments; Lise Meitner, Enrico Fermi, Albert Einstein, and others of equal importance.

h-c 19 minutes $2.65

ATOMIC RADIATION (EB)

Explains the fundamentals of atomic radiation: the dramatic story of its discovery, what it is and does, and why it must be respected rather than feared. Describes how man has been able, by learning to understand the "inside of the atom," to reproduce in the laboratory some of the forms of radiation found in nature, and more. Explains the roles of alpha, beta, gamma, and neutron particles in radioisotope research.

j-h 12 minutes $1.85

ATOMIC RESEARCH: AREAS AND DEVELOPMENT (C)

Using authentic footage of actual research installations and operations, the film surveys three large areas of atomic research — the energy applications of nuclear fission, the structure of the atom, and the byproducts of nuclear fission.

h 13 minutes $2.65

ATOMS AT WORK (BIS)

Illustrates the many valuable peacetime uses of atomic energy available to mankind. Some of the strides made by England to harness this source of power for use in medicine and industry are illustrated. Radio-active materials are shown being produced and put into use in hospitals, textile mills, and steel plants, including the complex machinery involved in the handling of these materials.

h-c-a 10 minutes $1.85

ATTITUDES AND HEALTH (C)

Marv Baker didn't make the basketball team. Alice was actually ill because she failed to get an expected promotion. The situation seemed hopeless until they learned, as the film teaches, that wrong attitudes prevent the individual from doing his best, and can even cause physical illness. The film shows that both achievements and failures have meaning only in perspective, and that self-confidence and right attitudes are vital to good health.

j-h-c 10 minutes $1.85

ATTRACTING BIRDS IN WINTER (IFB, Color)

Shows how two children attract winter birds to their own backyards by building a variety of feeding stations. Shows some common winter birds feeding in their natural habitat: indicates reasons for attracting winter birds to our own backyards and what foods are most suitable; shows some common species at several types of feeding stations.

i-j-a 6 minutes $2.70

AUDIO-VISUAL AIDS TO LEARNING (UW)

Prepared primarily for use in occupied areas, shows the approved and complete utilization of materials from a typical American Audio-Visual Aids center.

h-c-a 11 minutes $1.85

AUSTRALIA (EB)

A survey of the geographic, economic, and social factors characterizing Australia today. Contrasts urban and industrial concentration in East and Southeast with slower development in the arid central and western areas. Describes Australia's principal exports and imports, and reveals a modern and progressive society maintaining strong economic and social ties with the motherland, Great Britain.

i-j-h 10 minutes $1.50

AUSTRALIA TODAY (ANIB, Color)

Shown are the fine cities, the beaches, mountains, and magnificent coastal scenes of Australia, as well as her mines, farms, sheep and cattle ranches, flowers, animals, and birds. Many interesting features of the Island Continent.

j-h-c-a 35 minutes $5.50

AUSTRALIA'S CORAL WONDERLAND (ANIB, Color)

Shows sea life under an Australian coral reef and a giant sea turtle laying eggs. Pictures the symbiotic relationship between the sea anemone and the damselfish.

i-j-h-c-a 30 minutes $5.20

AUSTRALIA'S PLATYPUS (LF)

Traces the origin and shows the breeding and habits of this animal, native only to Australia.

i-j-h-c-a 13 minutes $2.65

AUSTRALIAN SURPRISE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

AUSTRIA (PFI, Color)

An objective statement of the facts of Austrian existence today; in Vienna and in the Alpine provinces. Historical backgrounds and modern developments are shown; and the story of Austria's fame in arts.

h-c-a 22 minutes $4.25

AUTOGIRO (CAA)

Explains how the autogiro is kept aloft, how the blades turn to produce a lifting force, how gravity effects the blades, how they are hinged, and why they do not fold up like an umbrella.

h-c-a 10 minutes Handling charge, $1.00

AUTOMATIC PILOT — THE A2 AUTOMATIC PILOT — BASIC PRINCIPLES (CAA)

Explains how the automatic pilot was developed from the directional gyro and the gyro horizon and shows the basic principles of its operation.

c-a 10 minutes Handling charge, $1.00

AUTOMOTIVE SERVICE (VGF)

Gives the viewer a picture of the jobs in the field of automotive service. Millions of cars and trucks on the highway have created thousands of jobs for mechanics since these machines must be repaired and maintained if they are to operate. Sequences present different aspects of maintenance work on motors such as bearing replacements, valve grinding, block and body welding, brake adjustment, and electrical repair. Most schools offer courses in shop work, mechanical drawing, and mathematics which directly aid a boy in preparing himself for an automobile service job.

j-h-c 11 minutes $1.85

AUTUMN (AL)

Autumn is a time of preparation and busy creatures do what nature instinctively makes them do. The caterpillar weaving its cocoon, the water-spider storing air, the groundhog digging its burrow, and the squirrel gathering its nuts are only a few of the many beings who anticipate the coming of winter.

i-j-h 10 minutes $1.85

AUTUMN IS AN ADVENTURE (C, Color)

Autumn, an adventure of falling leaves, beautiful colors, harvests, animals getting ready for winter, windows, and raking leaves, is shown through the experiences of two children. The audience participates in singing songs, reading poems, and learning new words about autumn.

p 10 minutes $2.70

AUTUMN ON THE FARM (EB, Color)

Shows all the fun and work of farm life in autumn.

p-i 11 minutes $2.70

AUXILIARY VIEWS: DOUBLE AUXILIARIES (McGH)

Following a brief review of orthographic projection on three principal planes and on auxiliary planes, the film introduces an object to be drawn possessing a slanting face not perpendicular to any of the principal planes. Theory of double auxiliary or oblique view is described in detail. For other titles in this series see ACCORDING TO PLAN: INTRODUCTION TO ENGINEERING DRAWING.

c 11 minutes $1.50

AUXILIARY VIEWS, PART I (McGH)

This film begins by showing that the three principal views do not represent the true surfaces of an object that has one or more slanting faces. This condition is shown to require projection of the slanting surface on a plane which is parallel to it and is not one of the principal planes. Thus auxiliary projection is explained and defined and an auxiliary elevation is constructed on the screen. Other titles in this series are: AUXILIARY VIEWS, PART II; LANGUAGE OF DRAWING; SECTIONS; SHAPE DESCRIPTION, PART I, PART II; SHOP PROCEDURES; AND SIZE DESCRIPTION.

h-c 13 minutes $2.65

AUXILIARY VIEWS, PART II (McGH)

A detailed description of the three types of single auxiliaries — auxiliary elevations, right and left auxiliaries, and front and rear auxiliaries — is shown. To point up this description, a number of familiar household articles are shown having slanting surfaces that require auxiliary views for complete representation. For other titles in this series see AUXILIARY VIEWS, PART I.

h-c 13 minutes $2.65

AUXILIARY VIEWS: SINGLE AUXILIARIES (McGH)

Auxiliary projection is explained and defined together with detailed explanation of the different types of auxiliaries: auxiliary elevations, right and left auxiliary views, and front and back auxiliary views. For other titles in this series see ACCORDING TO PLAN: INTRODUCTION TO ENGINEERING DRAWING.

c 23 minutes $2.65

AVE MARIA (UW)

Deanna Durbin sings Schubert's immortal song.

j-h-a 4 minutes $1.00

AVE MARIA (OF)

Elisabeth Schumann, renowned opera-lieder singer, exults in the Ave Maria by Schubert, filmed against a background of symbolic beauty.

j-c 5 minutes $1.00

AVE MARIA (UW)

The camera gives varying angles and close-up details of Da Vinci's "Last Supper," with the music of "Ave Maria" as a sound background.

general 10 minutes $1.50

AVIATION ENGINE DISASSEMBLY AND INSPECTION (CAA)

The major parts of a modern radial engine, various sub-assemblies and their functions, methods of inspecting for flaws, testing and running in, are illustrated.

h-a 30 minutes Handling charge, $1.00

B-FLAT CLARINET (MCG)

Shows in vivid detail the assembly and care of this instrument. The portrayal of the need for good handling habits makes this film valuable to your entire band or orchestra.

h-c-a 10 minutes $1.85

BABY ANIMALS (YA)

An elementary science film dealing with animals and their young. Introduces and explains such concepts as degree and nature of care, resemblance to parents, general growth patterns, variation in ability to care for selves, and the fact some baby animals are hatched from eggs and others born from the body of the mother.

p 10 minutes $1.85

BABY CARE: FEEDING (EFLA)

Divided into two major sequences — correct feeding of the baby and baby's food — the film depicts the more accepted procedures at present in the science and art of infant feeding.

h-c 23 minutes $2.65

BABY MEETS HIS PARENTS (EB)

Shows how differences in personalities can be accounted for, not only by heredity, but also by the human relationships and environmental factors experienced during the first years of life. It explains, with life situations, how the infant personality is influenced directly by the extent to which the baby finds fulfillment of his basic needs — food, elimination, and loving care.

h-c 11 minutes $1.50

BABY SITTER (YA)

Discusses the mutual problems and responsibilities of the baby sitter and the parent who employs her, as well as the important skills and knowledge which the sitter should have. The film's story is built around the experiences of Mary Gibson, a teen-age girl, on her first visit to the Browns' home where she spends the evening with Baby (age one) and Sue (age four). Presents most of the important problems which any sitter, boy or girl or adult, would encounter in such a situation.

16 minutes $2.65

BABY'S DAY AT 48 WEEKS (EB)

Wholesome methods of child care are portrayed in numerous situations, including the administration of cod liver oil and orange juice, the bath, dressing, feeding, and elimination, floor play, and daytime naps and sleep. Emphasis is placed on the psychological implications and the educational significance of the infant's everyday experiences.

h-c-a 11 minutes $1.85

BABY'S DAY AT TWELVE WEEKS (EB)

The infant is followed through his domestic day from the time of his waking at six o'clock in the morning until the final breast feeding at ten o'clock at night. His dressing, bathing, feeding, daytime naps, play, and general care are presented. An interpretation of the significance of his various reactions is offered.

h-c-a 11 minutes $1.85

BABY'S FIRST YEAR (KB)

The first sequence shows the care of the mother, the value of a trained nurse, proper foods and exercises. Detailed description of the baby's schedule, including breast feeding, bathing, and sleep are shown.

h-c-a 10 minutes $1.85

BACK TO NORMAL (BIS)

The loss of a limb no longer prevents people from leading normal lives. Today, artificial limbs are so skillfully made and fitted that the wearers are quickly able to adjust themselves to their use. Rehabilitation centers offer courses of instruction in new and often highly skilled trades.

h-c-a 15 minutes $2.65

BACKFIRE (PFCI)

An economics teacher poses the question to his pupils and neighbors: should men receive rewards in proportion to their investment in enterprise or was Karl Marx right in his theory of "from each according to his ability, to each according to his need"?

j-h-c-a 15 minutes $2.65

BACKGROUND FOR LITERATURE — THE LADY OF THE LAKE (C, B&W or Color)

Sir Walter Scott's poem comes to life. In providing a brief background of the author's life, in giving visual meaning to the poem's vocabulary by showing the actual background in Scotland that is its setting, this picture teaches the concept that literature has its roots in actual places, people, and events.

j-h 10 minutes B&W $1.50,
Color $2.70

BACK-PRESSURE ARM LIFT METHOD OF ARTIFICIAL RESPIRATION (SEF)

Demonstrates the back-pressure arm lift method of artificial respiration.

h-c-a 10 minutes $1.85

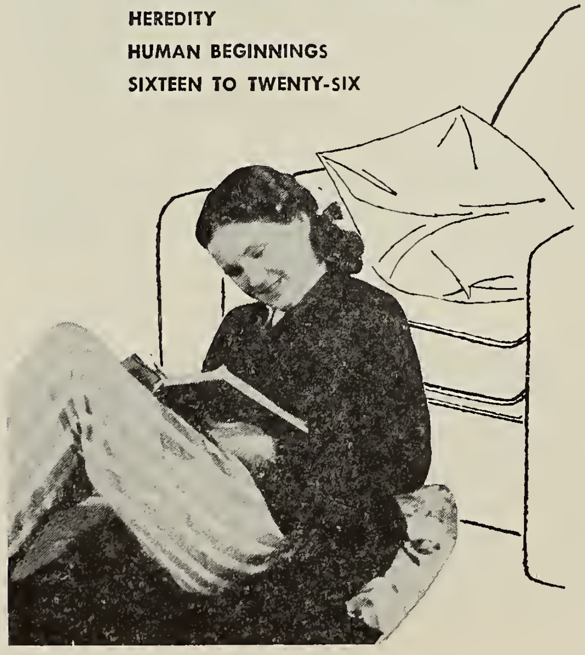
BACKWARD CIVILIZATION (EB)

A survey of the life among the Berbers of North Africa, a typical instance of the persistence of old isolated types of civilizations. Every significant aspect of the daily life of these people is shown. Their crude handicrafts, their primitive agricultural methods, their customs and superstitions, form a background for contrast with contemporary life in machine age.

j-h-c 20 minutes $2.65

Sex Education

GROWING GIRLS
HUMAN GROWTH
HUMAN REPRODUCTION
STORY OF MENSTRUATION
REPRODUCTION AMONG MAMMALS
HEREDITY
HUMAN BEGINNINGS
SIXTEEN TO TWENTY-SIX



BACKYARD ARTIST (DPP, Color)

Shows two youngsters drawing colored sketches of birds in their backyard. They attracted the birds close enough to draw them by building a bird house, and putting up a bird bath and a feeder. Included are sparrows, finches, humming bird and bluejay.

j-h-c-a 11 minutes $2.70

BACTERIA — FRIEND AND FOE (EB, Color)

By describing some of their different roles in everyday life, shows why bacteria are so important. Illustrates bacterial growth and reproduction by means of animated drawings and live action scenes. Describes some of the ways in which bacteria may be grouped for systematic study. Relates contributions of Leeuwenhoek, Pasteur, and Koch to techniques of modern bacteriology.

j-h-a 11 minutes $2.70

BADMINTON FUNDAMENTALS (C)

Fundamental skills and rules of badminton are demonstrated in this film by both expert and novice players. How to serve, the forehand and backhand shots, and other important playing techniques are shown providing a valuable guide for better understanding and enjoyment of this popular game.

j-h-c-a 11 minutes $1.50

BAKING INDUSTRY, THE (VGF)

One of a series for use in presenting the facts about an occupation for vocational guidance.

j-h-c 10 minutes $1.85

BALI TODAY (EB, Color)

Against a background of Balinese music, the film portrays life on this tiny island in Indonesia. Emphasizes the role of the Brahmin religion in everyday life with scenes of the rice harvest, dance ceremonies, and flower offerings to the gods. Examples of weaving and mask-carving illustrate Balinese Art.

i-j-a 11 minutes $2.70

BALL HANDLING IN BASKETBALL (EB)

Presents fundamentals of stance, grip, feel in practice and game situations. See DEFENSIVE FOOTWORK IN BASKETBALL and SHOOTING IN BASKETBALL.

j-h-c 10 minutes $1.50

BALL HANDLING IN FOOTBALL (EB)

Stance, grip, fingertip control, receiving and throwing in slow motion and animation. See BLOCKING IN FOOTBALL and TACKLING IN FOOTBALL.

j-h-c 10 minutes $1.50

BALLAD OF THE WEST (EB)

Based on western folk tunes, this film tells the story of a cowboy's longing to have his own herd and brand and to be his own boss. Photographed against the magnificent background of Arizona's Castle Hot Springs, the story revolves around the popular ballad, "The Chisholm Trail."

c-a 14 minutes $2.25

BALLOONS: AGGRESSION AND DESTRUCTION (NYU)

The demonstration of a projective technique for the study of aggression and destruction in young children, showing the difference between two children of four and five years of age, and from similar general backgrounds as they respond to a graduated series of opportunities to break balloons. Each child is shown in a test situation.

c 11 minutes $2.50

BALTIMORE PLAN (EB)

Skillfully documents a plan in which municipal agencies cooperated in a unified program for housing improvement. Reveals the success of this plan in Baltimore in raising the quality of housing to meet acceptable standards of health and sanitation.

h-c-a 20 minutes $2.65

BAND GOES WEST, THE (UI, Color)

The story of the University of Illinois football band's trip to the Rose Bowl game, January 1, 1952. Performances at the East-West Shrine game and the Rose Bowl are shown.

j-h-c-a 22 minutes $4.00

BAND TECHNIQUES: BAND ATTENTION (CFS)

Presents opening rehearsals of marching band season. Twenty-five per cent of this group are new members, consequently, the problems faced by every director at the beginning of the season are depicted. Special emphasis is placed upon fundamentals of posture, stride, and dressing.

j-h-c-a 11 minutes $1.85

BAND TECHNIQUES: BAND ON THE MARCH (CFS)

Continuation of Band Attention . . . step by step development of teaching techniques in getting a band ready for the first game with fundamental maneuvers and a short routine . . . variations of fundamental maneuvers and the basic to the rear . . . added emphasis upon uniformity of posture, stride, dressing, and swing of hands.

j-h-c-a 11 minutes $1.85

BAND TECHNIQUES: BATON DIRECTING (CFS)

Presented with the distinct purpose of training student directors, and making those who follow the baton more conscious and understanding of the director's gestures. The full meaning of the conductor's gestures is brought out. Each movement of the baton is carefully explained.

j-h-c-a 11 minutes $1.85

BAND TECHNIQUES: BATON TWIRLING (CFS)

Mary Evelyn Thurmon, champion twirler, exhibitionist and well known teacher, makes twirling easy exactly as she does in her class teaching. All of the standard contest rudiments are included, plus a special routine.

j-h-c-a 11 minutes $1.85

BAND TECHNIQUES: DRUM MAJOR (CFS)

Wallace Pearson, drum major of the Sexton Band, presents fundamental signals plus signals for special maneuvers. Mr. Pearson has often been described as the "perfect drum major" and is perhaps the most photographed drum major in the land.

j-h-c-a 11 minutes $1.85

BAND TECHNIQUES: MANEUVERS FOR FIELD AND STREET (CFS)

Presents new and novel marching maneuvers built upon the techniques explained in the three preceding films. Obliques, and short obliques . . . diminish files . . . telescope . . . singlefile reverse . . . odd files reverse . . . right flanks reverse . . . salute . . . bombshell . . . T formation.

j-h-c-a 11 minutes $1.85

BAND TECHNIQUES: MILITARY MANEUVERS (CFS)

In addition to regulation maneuvers, this film presents a variation of them . . . many new and involved maneuvers being presented. Again, they are presented exactly as they are developed in this band . . . flank, boxflank, diminish ranks, divided reverse, split fours, box counter march, box turn and variations. Included is a typical routine used at half time.

j-h-c-a 11 minutes $1.85

BANDS OF THE U.S. ARMY (UW)

The story of the soldiers of music who comprise the army bands and who carry on the glorious tradition which has been a part of the Army service since the days of the American Revolution. Shows exacting training schedule bandsmen must go through to become a member of this vital morale-building contingent.

general 15 minutes $2.65

BANKS AND CREDIT (C)

Students are shown the ways in which money is put to work by commercial banks. We see how credit is created, transferred, how it serves everyone, and how deposits — both time and demand — help supply the funds which enable the bank to fulfill its credit function.

j-h-c-a 11 minutes $1.85

BARABBAS (UW)

Tells the story of Barabbas, the Jewish rebel and murderer who was released to the crowd while Jesus was crucified — founded on the story by Canon S. N. Sedgwick.

j-h-c-a 21 minutes $2.65

BARABBAS, THE ROBBER (UW)

Dramatizes the story of Barabbas who is arrested when Jesus makes his triumphant entry into Jerusalem, and is freed by the same court that sentences Jesus to crucifixion. Barabbas, the man of action, finally realizes his life has been saved by Jesus, the man of peace.

h-a 38 minutes $4.45

BARBER CHAIR (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

BARBER OF SEVILLE (OF)

The comic opera by Rossini wherein the Count of Almaviva falls in love with the young and beautiful Rossina. All is not well for the lovers, however, because Rossina is kept under the strictest observation by her old guardian, Bartolo, who is also enamoured of her. The Count enlists the aid of one Figaro (the Barber of Seville), who doubles in brass for nearly every trade known to man. Figaro's humorous machinations unite the two lovers and foil the designs of the old guardian. The continuity of this opera by Rossini is carried by a narrative background and highlights of the music are sung by singers of the La Scala opera company in Milan. Tito Gobbi sings the role of the barber.

general 25 minutes $4.00

BARGAINING COLLECTIVELY
(TFC Restricted to Classroom Use)

Set in the period of the nineteen-thirties, this film presents arguments of labor and management for and against union recognition, as a committee of workers meets with the plant directors to settle a strike. No conclusion is reached in the film, which ends with the board chairman provocatively calling for a vote on the issue.

h-c-a 10 minutes $1.85

BARNYARD BEAUTIES (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

BAR-RAC'S NIGHT OUT
(TFC, Restricted to Classroom Use)

The adventures of a raccoon in search of food who encounters a bobcat, a rabbit, an owl, and a frog. He then enters a cabin and meets a parrot and some puppies.

general 11 minutes $1.85

BASEBALL: PENNANT CHASERS (RKO)

Baseball experts Carl Hubbell, Dizzy Dean, Joe Medwick, Merrill May, Gabby Hartnett, Arky Vaughn, and Ernie Lombardi, demonstrate tactics and techniques of America's national game.

j-h-c-a 20 minutes $2.65

BASEBALL: PUBLIC SPORT NO. 1 (RKO)

Baseball, showing experts Honus Wagner, Hank Danning, Whit Wyatt, and Mort Cooper and aspiring players plus some of the tricks of the trade, including umpiring.

j-h-c-a 20 minutes $2.65

BASEBALL FUNDAMENTALS AND TECHNIQUES (I)

Produced for the New York Giants for use by their farm clubs. Features members of the Giant team demonstrating proper batting, running, fielding and general major league baseball techniques at every position. Introduction by manager Leo Durocher of the Giants and narration by Russ Hodges.

j-h-c-a 45 minutes $6.50

BASEBALL TODAY (OSFS) (1950)

The rules of baseball are explained and clearly illustrated in this comprehensive review of the game. Many of the "delicate" situations of umpiring are screened and the audience asked to rule on them.

h-c-a 33 minutes $1.50

BASIC CAMERA (UW)

Simple explanation of the still picture camera. The construction, type, film, film holderslens, lens shutters and a brief history of the camera is included.

h-c-a 15 minutes $1.50

BASIC COURT PROCEDURES (C)

Here is an exciting story in which two high school students learn from a practicing lawyer the function of the courts and how our law operates. In the development of a "criminal case," many specialized legal terms are clearly defined and the audience sees the roles played by the various courtroom figures. The film teaches not only the function of courts, but the place of the judicial system in a democracy. The dual purpose of courts in America is established in this unique blend of interest and instruction.

j-h-c 15 minutes $2.25

BASIC ELECTRONICS (UW, Color)

Explains and demonstrates atoms and electrons, the vacuum tube, cathode, rectifier tube, amplifier, grid, and bridge circuits.

j-h-c-a 17 minutes $4.25

BASIC ELEMENTS OF PRODUCTION (EB)

The slow production of handmade pottery, and aluminum pots turned out by the thousands on assembly lines are two different production methods. Yet they use the same basic elements of natural resources, labor, capital and management. Shows necessity for efficient use of each element.

h-c-a 13 minutes $2.65

BASIC FIBERS IN CLOTH (C)

Develops a particularly realistic motivated interest in the basic materials from which cloth is made. Other titles in this series are WHAT IS CLOTH; WOOL; and YARN AND CLOTH CONSTRUCTION.

j-h-c 11 minutes $1.85

BASIC HYDRAULICS (UW, Color)

Demonstrates and explains the physical laws, mechanical advantages and application of basic hydraulics.

h-c-a 9 minutes $2.70

BASIC PORTRAITURE LIGHTING (USAF)

Illustrates the basic procedures and arrangements for portraiture lighting and demonstrates the four fundamental types of lighting used in photography namely, front, 45-degree, side and back lighting.

h-c-a 14 minutes $3.35

BASIC TELEVISION SERIES: ANTENNA INSTALLATION (McGH)

Demonstrates the correct installation of a dipole antenna, using a chimney strap. Stresses that a good picture results from good antenna installation.

h-c-a 10 minutes $1.85

BASIC TELEVISION SERIES: DEFLECTION OUTPUT CIRCUITS (McGH)

Demonstrates the operation of deflections circuits.

h-c-a 10 minutes $1.85

BASIC TELEVISION SERIES: LOCALIZING TROUBLES (McGH)

Demonstrates how the raster, picture, and sound are used to localize trouble: in case of no picture, normal raster and normal sound; horizontal line, normal sound; no sound, normal picture; no picture or sound, normal raster; sound, no brightness; picture not holding; no brightness, no sound.

h-c-a 10 minutes $1.85

BASIC TELEVISION SERIES: PRACTICAL TELEVISION ALIGNMENT (McGH)

Demonstrates that realignment is necessary when there is a tuneable smear, low sensitivity, poor quality. Shows the equipment used in aligning or checking alignment, and how to connect that equipment.

h-c-a 14 minutes $2.65

BASIC TELEVISION SERIES: TELEVISION RECEIVERS (McGH)

Demonstrates how circuits work together; shows split sound and inter-carrier receivers.

h-c-a 10 minutes $1.85

BASIC TELEVISION SERIES: TELEVISION SYSTEM (McGH)

Shows the television system from the studio programs, through the camera, control room, transmitter, to the transmitting antenna and thus to the television receiver.

h-c-a 20 minutes $2.65

BASIC TYPING — MACHINE METHODS (UW)

Demonstrates the correct posture for typing and proper fingering of the keys; shows the use of the shift key, back spacer, tabulator, carriage return lever, etc. on both manual and electric machines; and discusses the function of various fixtures on the machines. Correct insertion of single sheets and a carbon pack is also demonstrated together with the use of the paper release and carriage release levers.

h-c 30 minutes $3.70

BASIC TYPING — MACHINE OPERATION (UW)

The principal parts of a typewriter are pointed out, and their function and use are discussed and demonstrated on different machines, together with the correct touch for noiseless, manual, and electric machines.

h-c 30 minutes $3.70

BASKET OF BLESSING (EVF, Color)

Dramatizes the Biblical story of Jesus' feeding of the 5,000 (John Ch. 6:1-14).

a 13 minutes $4.25

BASKETBALL: BASKET WIZARDS (RKO)

Rhode Island State College's basketball team of 1944.

j-h-c-a 15 minutes $2.65

BASKETBALL: BASKETEERS (RKO)

Claire Bee, and his Long Island University basketball team of 1943.

j-h-c-a 15 minutes $2.65

BASKETBALL: COURT CRAFT (RKO)

Basketball techniques displayed by Utah's famous team of 1945.

j-h-c-a 15 minutes $2.65

BASKETBALL: KENTUCKY BASKETEERS (RKO)

The University of Kentucky Championship basketball team of 1947.

j-h-c-a 15 minutes $2.65

BASKETBALL: WINNING BASKETBALL (RKO)

Oklahoma A & M's Championship team of 1946 demonstrates its mastery of basketball techniques.

j-h-c-a 15 minutes $2.65

BASKETBALL FOR GIRLS — FUNDAMENTAL TECHNIQUES (C)

Combining fast action and slow motion photography, skillful players, and sound basketball know-how, this film demonstrates fundamental techniques of ball-handling, passing, and shooting. It emphasizes the value of practice and importance of individual skill to team success.

j-h-c 10 minutes $1.50

BASKETBALL FOR GIRLS — GAME PLAY (C)

The finer points for the sport are demonstrated here. Individual player techniques in offense and defense are shown . . . pivoting, feinting, passing, screening, shooting, handling rebounds.

j-h-c 10 minutes $1.50

BASKETBALL IS FUN (BFS)

Designed to introduce basketball to beginning students in the upper elementary and junior high school grades. Using a playing situation, the elements of the game are presented simply, clearly, and in nontechnical language.

i-j 15 minutes $2.65

BASKETBALL TECHNIQUE (TFC, Restricted to Classroom Use)

A study of basketball technique. Slow motion photography and repetition of shots give a chance to learn the intricacies of play.

j-h-c 8 minutes $1.85

BASKETBALL THRILLS OF 1948 (OF)

Close-ups of the nation's top teams competing in the National Invitation Tournament, and the foremost collegiate teams' battle for the crown in the N.C.A.A. finals.

i-j-h-c 11 minutes $1.85

BATHING BUDDIES (UW)

Woody Woodpecker and Wally Walrus in a riotous bathtub mix-up.

general 7 minutes $1.00

BATHING THE PATIENT (USN)

The procedure for making a neat bed with minimum disturbance to the patient is shown. The proper method of washing the patient with as much comfort as possible is also demonstrated.

c 20 minutes $2.65

BATTERY, IGNITION AND ELECTRICAL SYSTEM (UW)

For the auto mechanic. Shows how to check and service the battery; how to check the starting motor and the generator; how to inspect low tension wiring; how to check the lighting circuits and electrical instruments; how to test the voltage and current regulator; and how to check and test the ignition system.

h-c-a 26 minutes $3.70

BATTING FUNDAMENTALS (C)

The batter's average depends on how well he has mastered the fundamentals of selecting the right bat, using the correct grip, taking a proper stance, keeping his eye on the ball, using a level swing into the ball, and finishing with a complete follow-through. These points and the exercises by which they are mastered are brought to light by top form professionals.

j-h-c 11 minutes $1.50

BATTING STARS OF BASEBALL (ANL)

Covers the more important fundamentals of batting in slow motion by established major league stars.

i-j-h-a 30 minutes $3.70

BATTLE, THE (TFC, Restricted to Classroom Use)

Made just a few months prior to Pearl Harbor, this film is of great historical interest because of the insight it gives into the type of war the Navy was planning for. This may be compared with the way the war actually came about. Gives an excellent picture of the tremendous amount of supplies and equipment needed for the fleet, and the cooperation necessary between the various fleet components in order to make operations successful.

general 10 minutes $1.50

BATTLE FOR BREAD (UW)

Somewhere, in every country in the world, people are hungry. In some places they are actually starving. The problem of how to get food to these hungry people, is the problem of the U.N. food and agriculture organization. Some areas produce more than they need, and the problem is one of distribution. Some devastated by war or hampered by over population, must be given aid to increase production. Technical aid, equipment, breeding stock, etc., furnished by the F.A.C. are making a beginning toward reducing the ravages of hunger in all parts of the world.

h-c-a 20 minutes $2.65

BATTLE FOR FRANCE (UW)

Dramatic evacuation of burning Dunkerque by 300,000 British troops after Belgian collapse. French tanks, planes, infantry and artillery in fierce action, defending rear as main armies retreat. Paris bombed before surrender. Maginot Line abandoned. Petain Premier. Paris occupied.

h-c 10 minutes $1.50

BATTLE FOR OIL (EFLA)

Is based on captured German war films, Allied newsreels, and original documentary material. Some important generalizations expressed in this film are that oil is the most important of the natural resources in the present war, that each day of warfare means the consumption of vast quantities of oil products, that oil resources are being pooled among nations, that transportation is the most critical problem to the Allied Nations in drawing upon their huge oil supplies, and that the increased demand for gasoline and oil products is leading to the exploitation of new oil reservoirs.

h-c-a 15 minutes $2.65

BATTLE OF BRITAIN (OWI)

An animated drawing of the German Swastika spreading from the heart of Berlin to the English Channel is the symbolic opening of this film. Animated scenes depict the plan for conquest. Meanwhile, Britain is preparing. She organizes her home guard, strengthens her defenses, goes into her mines, her shipyards, and works fifty, sixty, and seventy hours a week. A series of montage scenes reveal Hitler's desperate attempts to smash the spirit of the British by leveling their cities with incendiary bombs, and by launching constant night attacks. A final sequence consists of scenes of the RAF and of Winston Churchill and depicts how the British Royal Air Forces had saved the Allies a year for preparation against the enemy.

h-c 54 minutes $6.00

BATTLE OF SUPPLY (McGH)

Treats the over-all problem of naval supply, taking as an example one operation — the assembly and delivery of a standard landing craft repair unit.

h-a 17 minutes $2.65

BATTLE OF THE BEETLES (USDA, Color)

Documents the Engelmann spruce bark beetle control project in western Colorado. Shows damage done by beetles and how agencies of the Department of Agriculture have been working to stop the spread of this insect infestation. TV use permitted.

j-h-c-a 15 minutes $3.50

BATTLING BRUCELLOSIS (USDA, Color)

"Brucella abortus" is the name of a germ. Its attack on cattle is brucellosis, sometimes called contagious abortion. Undulant fever in humans comes from the use of milk from infected cows. The film emphasizes three control steps. Animated diagrams portray the route by which the germs attack their victims.

h-c 20 minutes $4.25

BE CLEAN AND HEALTHY (LF)

Contrasts healthy children at play with a sick child looking on. Stresses cleanliness of the body, the home, and the community.

i 9 minutes $1.85

BE YOUR AGE (MLI)

A discussion of the action of the human heart and why it is necessary for us to "slow down" our physical and mental activities as we grow older. Shows how people with weak hearts can still live active, useful lives.

j-h-c-a 10 minutes $1.85

BEACH AND SEA ANIMALS (EB)

Among the animals brought to the screen are the starfish, sea-urchin, crab, cuttlefish, octopus, crayfish, lobster, shrimp, snail, scallop, and the sea cucumber. The physical structure and activities of these animals are presented in an intimate way. The balance in nature or interrelations of various animals is clearly illustrated, special emphasis being placed on their methods of protection.

j-h-c 11 minutes $1.50

BEACH NUT (UW)

Wally Walrus and Woody Woodpecker at the beach.

general 7 minutes $1.00

BEAN STALK JACK (UW)

Animated cartoon of the nursery rhyme.

p 11 minutes $1.50

BEAR AND ITS RELATIVES (C)

Bears of all kinds plus Mei-Mei, the panda.

p-i 20 minutes $2.65

BEAT BALL (IU)

Shows and explains the diamond, the proper bases, and the types of balls that may be used. Pictures a simple way to divide the teams and to start a game. Shows, with several variations, how the batter throws and hits the ball. Explains the object of the game and the rules.

i-j 4 minutes $1.50

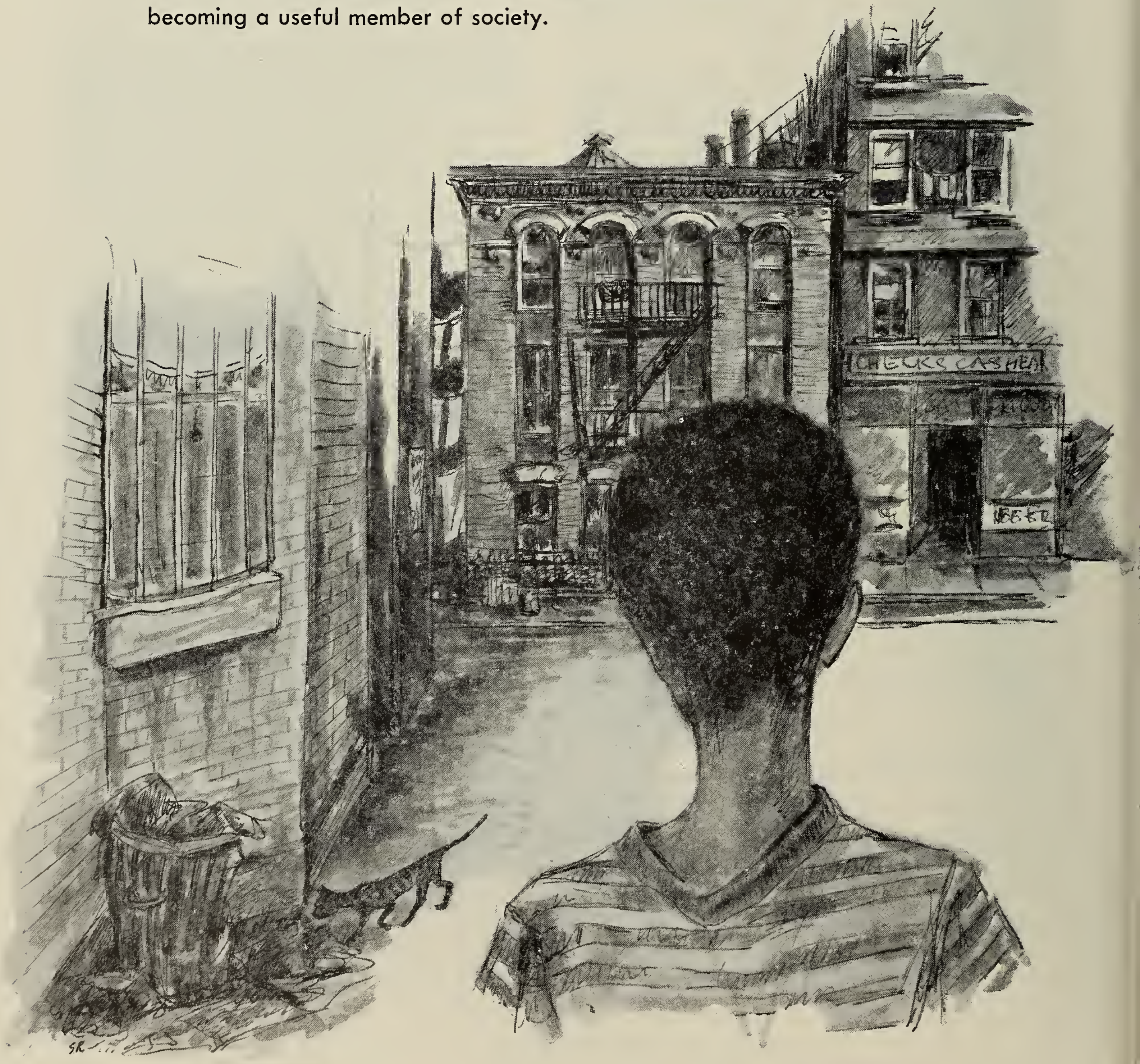
BEATTY'S ANIMAL THRILLS (UW)

Clyde Beatty, acclaimed the greatest wild animal trainer, is shown in one of his thrilling performances. He defies the fang and claw of vicious lions and treacherous tigers, all in one arena.

j-h-c 11 minutes $1.85

the QUIET ONE

Donald Peters is a mentally-disturbed Negro boy, an only child and the victim of a disrupted home in the Harlem district of New York City. At the age of 10 he is sent away to the Wiltwyck School at Esopees, New York, a Protestant Episcopal Church school for the correction of delinquent boys. The psychiatrist and counselors there give him the training and emotional comfort he needs and set him on the path to rehabilitation of his personality, toward becoming a useful member of society.



BEAUTY AND THE BLADE
(TFC, Restricted to Classroom Use)

Barbara Ann Scott is featured in some of the graceful and spectacular gyrations which won for her the Olympic figure skating championship.

j-h-c-a 9 minutes $1.85

BEAUTY FOR SALE (McGH)

Presents modeling as a career. Part of This is America series.

h-c-a 18 minutes $2.65

BEAVER, THE (EB, Color)

Shows activity of the beaver in its natural environment. Illustrates ways in which the beaver's teeth, feet and tail help him in swimming, eating, felling trees, and repairing a broken dam. Reveals the construction of a beaver house, and stresses the importance of the animal as an agent of conservation and as a valuable fur bearer.

i-j 11 minutes $2.70

BEAVER VALLEY (WDP, Color)

A fascinating medley of animal life representing years of patient camera recording. Here is the story of the beaver, the great provider and family man, the fun-loving otter, the prowling coyote and other inhabitants of the woodlands all faithfully represented in technicolor with a thrilling musical score.

Available to Illinois users only.

i-j-h 32 minutes $10.00

BEETHOVEN AND HIS MUSIC (C)

The music of Beethoven reflects the great social upheavals of the late eighteenth century, the composer's own unusual strength and genius, and a transition from the classical formality of Haydn and Mozart to more romantic expression. The film develops the relationship between Beethoven's environment and his personal responses to it in terms of his music.

j-h-c 15 minutes $2.65

BEETLES (EB)

In this biological science picture, the complete life histories of the tiger, ladybird, and Japanese beetles are vividly revealed on the screen. Many rarely observed events in their lives are presented; some comic, some tragic. The economic relation of beetles to man is definitely brought out. Picture and narrative demonstrate how some beetles have been pressed into the service of man, while others are harmful and must be destroyed through ceaseless warfare carried on by man.

j-h-c 11 minutes $1.50

BEFORE THE ALARM (NBFU)

Illustrates the work of fire prevention engineers and how they help save lives and money.

j-h-c 10 minutes Handling charge, $1.00

BEFORE THE BABY COMES (KB)

A detailed study of correct practices for the expectant mother. The film shows the mother's first trip to the doctor and explains the value of an early physical examination. Correct clothes are shown and explained, then dental care, foods to be eaten, bathing, and other practices for good health during the period of pregnancy.

h-c-a 10 minutes $1.85

BEGINNING FRENCH: INTONATION (C)

Compares French and English intonation, illustrates the characteristic pattern of French intonation in a number of everyday phrases and sentences, and shows some of the ways in which to acquire correct French intonation, stressing the importance of practice in listening as well as in speaking.

h 11 minutes $1.85

BEGINNING OF HISTORY (IFB)

Part I, Stone Age; Part II, Bronze Age; Part III, Iron Age.

The pre-history of Great Britain from the ice-age to the coming of the Romans. Underlying theme of the continuity of human life and culture, that the past is continuous with the present, and the events of thousands of years ago help to shape our own history and national characteristics.

j-h-c-a 46 minutes $4.45

BEGINNING OF PICTURE MAKING (IFB, Color)

Shows many examples of work produced by children, especially with tempera paint at the age of three and five when skills are not yet mastered, but creativity is great, at six when recognizable figures are produced and at seven when skills catch up with ideas.

i-j-h-c-a 6 minutes $2.70

BEGINNING OR THE END
(TFC, Restricted to Classroom Use)

A classroom version of MGM's feature picture. The main concern and the most dramatic item is the atomic bomb. Opening scenes show some early experiments with nuclear chain reaction. Some work at Oak Ridge, the exciting and terrifying Los Alamos bomb test and last dropping on Hiroshima.

h-c-a 30 minutes $3.70

BEGINNING RESPONSIBILITY: TAKING CARE OF THINGS (C)

The need for a persuasive means of interesting children in the importance of taking care of their belongings. Explains how and why children should care for things at school and at home, stressing the importance of having definite places to keep things, putting articles back where they belong, cleaning up after playtime and storing and handling things properly to prevent accidents or damage.

p-a 11 minutes $1.50

BEGINNING SWIMMING (C)

Techniques involved in kicking, breathing, floating, paddling and stroking.

i 11 minutes $1.85

BEGINNING TO DATE (EB)

Shows high school boys and girls getting ready for and going on their first date. Includes such points as: the first approach in asking for a date, the good and poor points in phoning for a date, introductions to parents, conversation, etc.

j-h 10 minutes $1.50

BEGINNING TUMBLING (C)

Illustrates the proper methods of executing the following tumbling stunts; forward roll, dive to forward roll, 3-man sideward roll, backward roll, double roll, tip-up, hand stand, head stand, forearm and head stand, hand walk, cartwheel, round-off and combinations. (See ADVANCED TUMBLING.)

j-h-c 11 minutes $1.85

BEGONE DULL CARE (NFBC, Color)

A visual interpretation of jazz music played by the Oscar Peterson Trio. Painted directly on film by Evelyn Lambart and Norman McLaren. Constantly changing color, restless and ever-changing lines.

p-i-j-h-c-a 11 minutes $2.70

BEHIND THE CRIMINAL (TFC, Restricted to Classroom Use)

The criminal's lawyer is the man who stands behind him — fixing witnesses, establishing alibis, faking evidence. He is the man who, in many cases, is responsible for the criminal being free. In this film we see how one of these lawyers is entangled in a web of his own greed — caught with the same methods he has often used in the past to free his clients.

general 20 minutes $2.65

BEHIND THE CUP (FSSF, Color)

Scenes starting with the growth of coffee in San Salvador to the finished product in the testing kitchen where proper method of coffee making is described include: setting out of seeds in nursery; picking of coffee cherries five years after the seeds are planted; transportation to the mills; explanation of bean; cross section of cherry; processes of cleaning and drying; soaking; roasting for testing; processes in the plant, blending, roasting, and grinding, vacuum packing; and the correct procedures in making good coffee.

j-h-c 45 minutes Handling charge, $3.00

BEHIND THE GUNS (CFC)

The general theme of this film is the attack of the craftsmen at home. Scenes show the making and testing of Bren guns, big cannon, tanks, airplanes, and ships. Many factory scenes. The use of dramatic closeup shots of the workers' faces helps to build a powerful documentary film. Unusual background music helps to build up proper moods.

j-h-c 19 minutes $2.65

BEHIND THE SCENES AT THE AIRPORT (M)

Modern airliners land and take off at our airports with such apparent ease that we get only a hint of the extensive organization necessary to efficient handling of passengers and aircraft. Film goes behind the fences and hangar doors marked "Employees only" to get some glimpses of this highly organized work.

p-i 10 minutes $1.85

BEHIND THE SCENES OF A MUSEUM (IFB)

Shows how material is collected, analyzed, studied and prepared for exhibition by the museum's departments of anthropology, botany, geology and zoology.

h-c-a 24 minutes $3.70

BEHIND THE SCENES OF WALT DISNEY'S STUDIO (WDP, Color)

A tour beyond the portals of Walt Disney's fascinating workshop under Robert Benchley's humorous guidance. Disney and his staff of creative artists show how they give life to the fabulous cartoon characters known and loved the world over.

Available to Illinois users only.

i-j-h 26 minutes $9.00

BEHIND THE SHOP DRAWING (JH)

After a series of pictures to show the importance of shop drawings, the narrator discusses perspective drawing with motion pictures illustrating the points made. The method of making the drawing is shown step by step, pictured by animated lines, arrows and transparent paper so that the reason for each line can be easily understood. Drawings of more complicated objects are explained, as are the dimension figures and lines. Scale drawings are shown. The picture finishes with a section devoted to blueprints.

h-c 22 minutes $2.65

BEHIND THE WHEEL (GM)

Compares driving with sports in which you must learn rules and regulations. Illustrates the starting, shifting, backing, stopping and parking of a car.

j-h 20 minutes Handling charge, $1.00

BELA HORIZONTE (OIAA)

This is the story of Brazil's "planned city with a plan." Bela Horizonte, a city of over two hundred thousand inhabitants, is unique in that less than fifty years ago, before a single house or street was built, complete plans for its building were drawn up. Now it is one of the most progressive and modern cities in the world and is located in a section rich in mineral resources.

i-j-h-c 17 minutes Handling charge, $2.00

BELGIUM (FON)

Deals with major aspects of Belgian geography, history, art, industry, towns, cities and agriculture. A fine contrast is drawn between the ancient towns with their historical monuments and buildings and the cities of today with their modern industries and progressive citizens.

h-c-a 22 minutes $2.65

BELLES OF BALI
(TFC, Restricted to Classroom Use)

Dancing forms an integral part of life in Bali, from the highly stylized rituals of the Temple Dancers to the ornate pageantry performed at births, weddings, and funerals. We see an old temple dancer training his young pupils to carry on the ancient traditions. In addition to the colorful pageantry, we see the brisk business in the market place in this busy, bustling, island community.

general **8 minutes $1.50**

BELLS OF HOLLAND (FON)

Shows the entire process of making bells from the drafting board to the finished product. Animated sequences give a comprehensive idea of the skill and time required to make a bell of true tone. The manufacturing of the set of bells recently installed in St. Martin's Church in New York City is featured.

j-h-c-a 11 minutes $1.85

BELLUM PUNICUM SECUNDUM (LF)

Interesting experiment. Filmed in Latin dialogue to show that spoken Latin is far from a dead language.

11 minutes $1.85

BELONGING TO THE GROUP (EB)

Examines the meaning of the idea of respect and explains its essential relation to living in a democracy. Dramatically illustrates the origin and development of some of the barriers to respect, and suggests ways and means by which such barriers can be avoided and done away with. Indicates how respect must be exchanged among all members of society.

h-a 16 minutes $2.25

BENARES, HINDU HEAVEN
(TFC, Restricted to Classroom Use)

Benares, a city located at the widest and deepest part of the sacred river Ganges, has a long tradition as a holy city. The ancient Aryans, ancestors of the white races, worshipped there many years ago. As the city grew, these ancient traditions became stronger, and now the Hindus hold it in reverence as a sacred place. We see the religious ablutions in the Ganges and the ceremonial cremation of a dead person.

general **10 minutes $1.85**

BENEATH OUR FEET
(TFC, Restricted to Classroom Use)

Glimpses of the insect world which exists in the grass are here seen. We see an ant drinking a dew drop. Rival male crickets fight, the victor courting the female. A cricket "sings" by moving its wings.

The grotesque heads of the wolf spiders are shown in detail. A sand cricket struggles with a trap-door spider, then with a centipede whose poisonous bite kills him. There are shots of aphids, being eaten by ladybird larvae, and of bees on flowers.

i-j-h-c 11 minutes $1.85

BENEATH THE SEA
(TFC, Restricted to Classroom Use)

The tentacles of a gillyfish and the flower-like sea anemone move rhythmically with the motion of the water. Barnacles, sea urchins, sea cucumber, starfish are engaged in seeking food, while a hermit crab inspects and finally crawls into a new shell abode. Animated diagrams are used to indicate the development of a fish; microphotographs show us the maturation of a fish egg and the circulation of blood in a fish embryo. A shark and octopus engage in battle, the octopus discharging an inky fluid which serves him as a sort of smoke screen.

i-j-h-c 11 minutes $1.85

BENEFITS OF LOOKING AHEAD (C)

A sound understanding of the importance of thinking seriously about the future and *doing* something about it is developed. By encouraging students to look ahead to the kind of life they will want, the film helps them think constructively about immediate problems and work to obtain that life.

j-h-c-a 11 minutes $1.50

BENJAMIN FRANKLIN (EB)

Produced with Carl Van Doren as collaborator, the film portrays highlights in the rich, full life of Benjamin Franklin, statesman, man of letters, and scientist-inventor. Depicts early struggles as an apprentice, later successes as publisher and author, experiments in science, growing ability as statesman and diplomat, and experiences as American representative to England and France. Also dramatizes several historical events with which Franklin was closely associated.

j-h 20 minutes $2.65

BENJAMIN FRANKLIN'S ALBANY PLAN (ACFC)

A brief dramatization of the Albany Congress in 1754 and the proposals submitted by various representatives, including Benjamin Franklin's plan for unification of the colonies.

j-h 9 minutes $1.85

BENNINGTON COLLEGE (UW)

Describes the teaching methods at Bennington College, Vermont, and illustrates these methods by tracing the college career of one student including her activities in the classroom and in the community as she prepares herself in her chosen field.

h-c-a 23 minutes $3.70

BERLIN AIRLIFT (TFC, Restricted to Classroom Use)

Follows the crew of one of the planes of the U. S. Air Force as they fly the narrow international air corridor from Frankfurt to Berlin to bring food, coal, and medical supplies to Berlin during the blockade by the Russians.

h-c-a 20 minutes $2.65

BERLIN POWDERKEG (McGH)

Documents the conditions in Berlin during the Russian blockade which made the "airlift" necessary.

h-c-a 17 minutes $2.65

BETHLEHEM TO CALVARY (I)

Presents the salient events connected with the life of Christ, commencing with the taxation and trip to Nazareth and ending with the crucifixion, burial, and resurrection.

j-h-a 50 minutes $6.00

BETTER CHOICE OF WORDS (C)

A high school girl is introduced to the principles which lead to effective choice of words. She gains increasing proficiency in communication by broadening her vocabulary, by keeping in mind a clear picture of what she wants to say, and by choosing her words for her listeners.

j-h 10 minutes $1.50

BETTER FARM HOMES WITH CONCRETE (PCA, Color)

Shows the many ways concrete and concrete products can be used advantageously in building and remodeling farm homes.

Available to Illinois users only.

h-c-a 20 minutes No charge

BETTER FOOTBALL (IHSA)

After the Whiz Kids, a high school football team, lose a game primarily because of penalties, the coach spends a week drilling them in the rules of the game. Describes the function of the uniform and shows how a team can lose a chance for championship because one member forgets the rules.

j-h-c-a 30 minutes $1.50

BETTER READING (EB, B&W or Color)

Clearly reveals the problems confronting the slow reader and suggests ways in which they can be met and solved. Tells the story of an intelligent high school boy whose work suffers from his slow reading habits. Portrays the methods used by a reading clinic in helping him to increase his reading speed, understanding, and his vocabulary.

j-h 12 minutes B&W $2.25, Color $3.85

BETTER TOMORROW, A (UW)

Focuses on the importance of education in a democracy, and shows the activities of children and youth in the New York City public schools, emphasizing the facilities and opportunities open to everyone.

j-h-c-a 24 minutes $3.70

BETTER USE OF LEISURE TIME (C)

There are many leisure time activities open to young people that are both interesting and educational. This film serves as a helpful guide in developing a constructive attitude about leisure time. It shows how time can be used best through a self-planned program of leisure time activities.

j-h-a 11 minutes $1.50

BEVEL PROTRACTOR, THE (USOE)

Shows the principles of the vernier bevel protractor; how to set and read the bevel protractor; and how to use the protractor to lay out angular work and check angles.

h-c 15 minutes $2.65

BEVELING, MITERING, RABBETING, AND DADOING (UW)

Cutting bevel with tilted fence; how to cut a bevel with tilted blade; how to set a miter gage; how to use a stop-block in mitering; how to set the fence and blade for cutting rabbets; and how to install and use a dado head.

h-c-a 19 minutes $2.00

BEVELING, STOP CHAMFERING, AND TAPERING SQUARE STOCK (UW)

Setting fence for bevel cutting; how to adjust the proper amount of cut; how to cut chamfer; how to set the infeed and outfeed tables for stop chamfer; how to set stop blocks; how to cut tapers; and how to observe all safety precautions.

h-c-a 20 minutes $2.65

BEWARE — SNAKES (LF)

Avoid places where snakes might be hiding (old logs, etc.) Shows first aid for snake bite, life cycle of a snake, hibernation, shedding skin, etc. Also shows the making of antitoxin.

i-j-h-c-a 9 minutes $1.85

BEYOND OUR HORIZON (UW)

Set in a village in Norway, presents the family life of a Pastor beloved of his people, his simple faith in God through prayer, and his belief in God's power of healing a dying child when the doctor has given up all hope. When his wife has an accident and is told it is doubtful whether she will walk again, he vows to pray for her recovery until his prayer is answered. It is, his wife walks, but only across the room, when she sinks in her husband's arms and dies.

h-c-a 45 minutes $4.45

BEYOND OUR OWN (BFC)

Shows the world-wide nature of the Evangelist message of Christianity through a lawyer who visits his brother, a medical missionary in China.

j-h-c-a 40 minutes $7.50

BICYCLE INDUSTRY IN JAPAN (MITJ)

Shows the manufacture and assembly of various parts of the bicycle — a mode of transportation used extensively in Japan. Pictures various sections of Japan and the ways bicycles are used.

h-c-a 30 minutes $3.70

BICYCLE SAFETY (YA)

Points out that bicycling is fun, but that it entails certain responsibilities on the part of the bicyclist: to maintain the bike in good mechanical condition, to obey traffic rules, and to help guard the safety of others. Illustrates how a proper mechanical inspection of the bike is carried out and what important accessories it should have. Demonstrates rules of the road and safety practice.

j-j 11 minutes $1.50

BICYCLING WITH COMPLETE SAFETY (BIA)

This film is devoted entirely to fundamentals of safety as related to bicycling. The illustrations used are well filmed. Included are details of inspection and licensing of bicycles.

i-j-h 11 minutes $1.85

BIG DITCH OF PANAMA, THE (TFC, Restricted to Classroom Use)

One of the most colorful bits of land in the New World is Panama. It is filled with people from many lands and of many races. The native population maintains the even calm of their lives, coolly disregarding the pulsing streams of foreigners.

Ferdinand de Lesseps, the great French engineer, failed in building a canal across the isthmus because of the great plagues of fever. United States efforts in eliminating this terror, which killed thousands of workmen before it was eradicated, made the canal possible.

j-h-c-a 6 minutes $1.50

BIG ENTERPRISE AND COMPETITIVE SYSTEMS (EB, B&W or Color)

Film presents detailed report of research into the growth of big business and its impact on our national economy through the use of charts and graphic materials. Narration deals with different phases of big business and competition.

h-c-a 40 minutes B&W $4.45, Color $7.50

BIG HARVEST (FI)

The theme of this film is the contribution that the farmer has made to the development of America. Through the farmer's ability to increase his production, to use the aids which science and industry have made available to him, and to carry out a program of conservation, America has prospered.

j-h 22 minutes $2.65

BIG IDEA, THE (SWC)

What it means to live in a country where one is free to grow and develop. Brings out points that we have come to take for granted.

h-c-a 30 minutes $3.70

BIG LEAGUE BASEBALL (BFS)

This film stresses the need for teamwork and perfect coordination in baseball. Some of the outstanding stars of yesterday, including Gabby Hartnett, Dizzy Dean, Carl Hubble, and Bill Lee, are shown as they performed in their respective positions.

general 11 minutes $1.85

BIG PARTY, THE (McGH)

Shows the months of preparation for the New Orleans' Mardi Gras.

j-h-c-a 17 minutes $2.65

BIG RACE, THE (HFE, Color)

A cartoon.

p-i 10 minutes $2.70

BILL GARMAN — 12 YEAR OLD BUSINESS MAN (F, Color)

Bill is an American boy who likes to be independent and earn his own money. He raises rabbits and a few hogs, takes care of them, and plans how he will sell them. He keeps accounts and figures how he will invest his profits. Shows relationship of a boy with persons outside his family.

i-j 11 minutes $2.70

BILL OF RIGHTS (TFC, Color, restricted to classroom use)

Shows the opposition in Parliament to the policies of George III with respect to the colonies in America, the colonists indignation over the dissolution of the Virginia House of Burgesses, drawing up of the Fairfax Resolves, and the incorporation of the Bill of Rights as the first ten amendments to the Constitution.

j-h-c-a 20 minutes $4.25

BILLION DOLLAR MALADY (B)

Film stresses the economic importance of colds, in loss of wages and manpower, cost of drugs, etc., and presents known information about colds and their cures and prevention.

j-h-c-a 17 minutes $3.00

BILL'S BETTER BREAKFAST PUPPET SHOW (CI, Color)

Covers reasons for eating a good breakfast, showing how Bill and Bonny are healthy, and their friends, Jerry and Susan, can't keep up in play because they tire easily.

p 25 minutes $5.00

BILLY AND NANNY — TWIN GOATS (EB)

Depicts the domestic life of a herd of goats on a farm. The feeding, milking and care of mature goats are shown. Two baby goats are depicted in characteristic activities. A billy goat pulls the farmer's boy in his miniature wagon to deliver milk.

p-i 11 minutes $1.85

BILLY'S USEFUL INSECTS (TOM)

Billy goes on a field trip and catches various insects which he discovers to be useful to man in that they kill destructive aphids and harmful mosquito larvae. Shows the insects: dragon flies, lady bugs, praying mantis, golden-eyed green lacewing, in their natural habitats and then in Billy's terrarium which he has built to house them. When he discovers their usefulness to man, Billy takes them back to their natural homes.

p-i-j 10 minutes $1.85

BIOGRAPHY OF A FISH (SF)

Depicts the extraordinary story of the male stickleback fish, and his life as father and part-time "mother." Actually filmed under water.

i-j-h 11 minutes $1.85

BIOGRAPHY OF THE MOTION PICTURE CAMERA, THE (AFF)

An argument concerning the movement of a horse while galloping resulted in the taking of a series of photographs at intervals along a path of gallop. That was the first attempt at motion pictures, although the pictures were all on different plates. The problem arose as to what could be done to put all the photographs on one continuous film so they could be shown and seen as if the object photographed were actually moving. The film deals with the invention of a camera to take motion pictures and brings in the work of Edison and others who led the way to modern motion pictures.

general 20 minutes $2.65

BIRD DOGS (FSP)

Film shows the performance of 5 great gun dogs — Dual Springer Spaniel champion, Bozo's Bar Mate; Cocker Spaniel champion, Big Time Elcova; English Setter champion, Elcova's Jazz; Irish Setter champion, Clodagh McTybe of the Cloisters; and Elcova's Brown Stocking.

i-j-h-c-a 10 minutes $1.85

BIRD HUNT (UC)

The story of two young boys — one six years of age, the other eleven — with their first glimpse of inflicted death.

i-j-h-c-a 11 minutes $1.85

BIRD MIGRATION (HNP, Color)

Presents many kinds of birds and shows the various journeys they make to their summer and winter homes. The Ice Age theory of bird migration is illustrated.

i-j-h 10 minutes $2.70

BIRDS ARE INTERESTING (EB, Color)

Presents some of the basic biological concepts concerning birds. Provides a systematic analysis of birds by classifying them under three categories — swimming and wading birds, birds of prey, and perching birds. Contrasts such features as bills, feet and wings to characterize each type. Among the birds in the film are the canary, domestic chicken, duck, emu, godwit, goldfish, hawk, owl, pelican, penguin, and others.

i-j-c-a 10 minutes $2.70

BIRDS IN WINTER (C, Color)

An excellent color film showing a seasonal aspect of bird life, as compared with study by nesting habits or life cycle. Winter residents shown include chickadee,

MORNING STAR

A truly outstanding poetic documentary of a spring sheep drive. Illustrates application of the 23d Psalm.

38 MINUTES RUNNING TIME **$10.00 PER WEEK**

nuthatch, junco, cardinal, English sparrow, starling, and the zebra, downy and hairy woodpeckers.

general 11 minutes $2.70

BIRDS IN YOUR BACKYARD (AB, Color)

Two brothers share the fun and responsibility of a project to attract birds to their yard. They observe the feeding, drinking, bathing, and nesting activities of the birds that visit their backyard sanctuary. Helps make children more aware of the possibilities of interesting activities in their own backyard.

p-i 11 minutes $3.00

BIRDS OF NORTH AMERICA #3 (EB, Color)

Presents the killdeer plover, the nighthawk, and the cedar waxwing. Reveals markings and cries of these birds: illustrates how each bird behaves when its nest is threatened; portrays feeding habits of the young birds. Animated maps point out summer and winter habitats.

i-j 11 minutes $3.00

BIRDS OF NORTH AMERICA #4 (EB, Color)

Depicts the identifying characteristics of three birds: the spotted sandpiper, the sora rail, and the Barrow's golden eye. Indicates their summer and winter range; and portrays the mother birds on their eggs, the eggs hatching, and the young birds venturing out into their world of rock, reed, and water.

i-j 11 minutes $3.00

BIRDS OF NORTH AMERICA #5 (EB, Color)

Presents distinctive markings of three birds: the yellow-shafted flicker, the chestnut-sided warbler, and the mountain bluebird. Gives nest-side views of the activities, development, and the habitat of these birds; maps show the areas where each of them may be found.

i-j 11 minutes $3.00

BIRDS OF OUR STORY BOOKS (C, B&W or Color)

The robin, cardinal, crow, owl, blue jay, sparrow, red-headed woodpecker, wren and seagull — birds which children encounter most frequently in their stories and texts — are shown, both as they appear in book illustrations and in their natural settings. Characteristics of the birds — their coloring, calls and easily observed habits are carefully integrated with poems and stories at the primary level.

p 11 minutes B&W $1.85,
Color $2.70

BIRDS OF PREY (EB)

Several common species belonging to the group of birds of prey are presented in this film. Among them are the turkey vulture, black vulture, marsh hawk, red-tailed hawk, rough-legged hawk, bald eagle, sparrow hawk, barn owl, screech owl, great horned owl, and snowy owl. These birds are shown in their natural habitats, and pursuing their characteristic activities. Typical calls and sounds characteristic of the birds are presented as the occasion demands.

i-j-h-c 11 minutes $1.50

BIRDS OF THE COUNTRYSIDE (C, Color)

Vivid shots in color of indigo bunting, meadowlark, nighthawk, red-tailed hawk, kingbird and killdeer.

i-j-h-c 11 minutes $3.00

BIRDS OF THE DOORYARD (C, Color)

Revealing scenes in color of the robin, white throated sparrow, bronzed grackle, wren, yellow warbler, and purple martin.

i-j-h-c 11 minutes $2.70

BIRDS OF THE INLAND WATERWAYS (C, Color)

Colorful sequences of a belted kingfisher, blue heron, black-crowned night heron, green heron, glossy ibis, avocet, red-backed sandpiper, Canada goose and lesser scaup duck.

i-j-h-c 11 minutes $2.70

BIRDS OF THE MARSHES (C, Color)

Unusual camera views of the red-winged blackbird, least bittern, marsh wren, sora rail and the pie-billed grebe in their natural surroundings.

i-j-h-c 10 minutes $2.70

BIRDS OF THE SEASHORE (EB, Color)

Portrays the activities, habitats, and distinguishing marks of various North American water birds. Depicts plumed gulls in flight and nesting in colonies, gannet colonies, eider ducks, the black guillemot, blue heron, razor-billed auk, and the cormorant. Authentic bird calls are heard throughout the film.

i-j 11 minutes $3.00

BIRDS OF THE WOODLANDS (C, Color)

Brilliant color scenes of the female redstart, purple finch, oven-bird, flicker, and the black-billed cuckoo.

i-j-h-c 10 minutes $2.70

BIRDS THAT EAT FISH (Living Science Flesh, Seeds Series) (IFB, Color)

Illustrates the adaptations of the physical structure of birds that eat fish and shows the heron, kingfisher, osprey, cormorant, grebe, and loon.

i-j-h-c-a 7 minutes $2.50

BIRTH OF A VOLCANO (SF)

This is the story of the new volcano in Mexico — Paracutin. It amounts to an early life history of the phenomenon in all its amazing violence.

general 10 minutes $1.85

BIRTH OF AN OIL FIELD (SOC, Color)

Shows how an oil well is drilled and how crude oil is brought up from the ground and started on its way to the refinery. Pictures the erection of a derrick, describes the operation of equipment by drilling crews, follows the drill-bit as it makes its way thru various geological strata, and tells how chemically treated mud is an invaluable aid to drillers. Depicts the natural forces that make oil flow, and shows how artificial methods are employed to lift oil from the ground when natural forces decline. Animation with models reveals what is taking place below the surface of the ground.

h-c-a 33 minutes Handling charge, $1.50

BIRTH OF THE SAVIOR (MSP, Color)

Pictures the birth of the Savior, as told in the original Bible story.

p-i-j-h-c-a 15 minutes $12.00
One Day Only in December

BIRTH OF THE SOIL (EB, Color)

Explains with scientific accuracy the story of how nature produced our life-giving topsoil from the basic raw materials of rock, air, and sunlight. In magnificent color photography it shows how rock is reduced to silt, which eventually combines with organic matter to form humus. In animation the film portrays the first four links in the "chain of life": nature's raw materials, the sun's energy, the chlorophyll in plants, and the living topsoil. For other films in this series see ARTERIES OF LIFE.

j-h 11 minutes $2.70

BIRTHDAY PARTY (RFA)

Combines the gentleness and unwitting cruelty of children in the story of 10-year old Janie, her birthday party, her uninvited neighbor, and how Janie was brought to a maturing sense of her Christian responsibilities toward others.

i-j-h-c-a 29 minutes $3.70

BIRTHPLACE OF AMERICA (16mmP)

Shows points of interest and birthplaces in England of America's great men and their ancestors. Included are such famed names as George Washington, Abraham Lincoln, Benjamin Franklin, the Pilgrim fathers, John Cabot, William Penn, Lord Baltimore, John Harvard, William Brewster, William Bradford and John Robinson.

j-h-c 11 minutes $1.85

BIRTHPLACE OF ICEBERGS (TFC, Restricted to Classroom Use)

A study of the largest tidewater glacier in the world which discharges into the Gulf of Alaska. The ice river is shown moving down to the sea where it collapses, discharging tremendous chunks of ice — icebergs. An awe-inspiring phenomenon.

j-h-c-a 11 minutes $1.85

BLACK BEAR TWINS (EB)

Portrays the experiences of a family of campers in observing a pair of small, hungry, and mischievous twin bears. The bears play with a blanket and ball; raid a wild-bee hive; nurse their stings in a mud puddle; then go for a swim in an adjoining lake.

p-i 11 minutes $1.50

BLADES OF GREEN (UPRR, Color)

Stresses the need for and the importance of grass; shows the planting, growing, and harvesting of grass for seed.

j-h-c-a 18 minutes $1.50

BLANKING SHEET METAL ON THE SQUARING SHEAR (UW)

Shows how to lay out tapered blanks on an aluminum sheet; how to set front and back gages and side stops; and other necessary setting up and operating steps.

h-c-a 15 minutes $2.65

BLANKING SHEET METAL WITH HAND SNIPS (UW)

Shows how to care for and adjust the sheet metal snips, how to select snips for the job to be done, and how to perform various types of cutting operations.

h-c-a 15 minutes $2.65

BLANKING WITH ROTARY AND HIGH SPEED SHEARS (UW)

Shows how to set up and operate rotary and high speed shears, and how to make test cuts.

h-c-a 15 minutes $2.65

BLANKING WITH THE SWING ARM ROUTER (UW)

How to operate a swing arm router; how to set up the work and template, change bits, and route internal and external contours.

h-c-a 17 minutes $2.65

BLASTING CAP (MTP, Color)

Intended for school safety programs to inform students of the dangers hidden in the apparently harmless little blasting cap.

i-j-h 15 minutes $1.00

BLIND AS A BAT (EF)

The bat is shown to be a useful insect killer, the only mammal that flies.

j-h-c-a 7 minutes $1.50

BLOCK CUTTING AND PRINTING (STI, Color)

How to cut and print a two color design by one of the simplest of methods; includes details of transferring the design, cutting, proofing, correcting, registering for color and printing the blocks by three different methods.

i-j-h 15 minutes $4.25

BLOCK THAT TERMITE (USDA)

The first sequences show the habits and habitat of the underground termite. These scenes are followed by others which show by photography and animation methods to be observed in constructing buildings to protect them from infestation and procedure to follow to prevent further damage after buildings are attacked.

general 20 minutes $2.65

BLOCKING IN FOOTBALL (EB)

Position, speed, drive, timing and body control are illustrated in a variety of ways. (See BALL HANDLING IN FOOTBALL and TACKLING IN FOOTBALL.)

j-h-c 10 minutes $1.50

BLOOD TRANSFUSION (BIS)

The story of the development of blood transfusions from the discovery of the four blood types to the modern blood doning systems developed in WW II.

j-h-c-a 5 minutes $1.50

BLOOMING DESERT (BFS, Color)

Shows the wild flower life that blooms on the Western desert in the spring.

i-j-h-c-a 11 minutes $2.70

BLOW, WIND, BLOW (C, B&W or Color)

The story of the effect of the wind, both as a help and a destructive force. Intended as a background for understanding stories, poems, and songs about the wind.

p 10 minutes B&W $1.50,
Color $2.70

BLUE DANUBE (SF)

The Vienna choir boys take a walking trip through an amusement park where they sing for the workers and in return are sung to by the workers. At the conclusion the choir presents its interpretation of "The Blue Danube Waltz."

i-j-h-c-a 15 minutes $2.65

BLUE DANUBE, THE (UW)

The famous waltz, played by the Vienna Philharmonic Orchestra, serves as a background for an interpretive ballet of the music and the time in which it was written.

h-c-a 10 minutes $1.50

BLUEBIRD (HNP, Color)

A story of a pair of bluebirds' summer visit in the North. Compete with wren and starling for nesting site. Includes five species of woodpeckers.

i-j-h 10 minutes $3.00

BOARD OF EDUCATION (UW)

Residents of a rural community in the U. S. organize to obtain a modern consolidated school and improved educational opportunities for their children. Prepared originally for use in occupied areas.

c-a 23 minutes $3.00

BOAT TRIP, A (EB)

On taking a boat trip from Albany, down the Hudson River to New York, Nancy and Roger have many exciting adventures. Between seeing the sights along the shore, inspecting the different parts of their boat, and observing the different types of boats which ply the river, their time is fully occupied. A landing at a river town, the approach to New York City, and the many wonders of its harbor are climaxed by seeing a great ocean liner, assisted from its dock by tugboats to begin its journey across the Atlantic.

p-i-j 11 minutes $1.50

BOB GAFFNER, FISHERMEN'S HELPER (F, Color)

Bob's Uncle John teaches Bob many things about the life of the Pacific coast fishermen who fish for sardines, tuna and mackerel.

p-i-j 11 minutes $2.70

BOB MARSHALL COMES HOME (USDA)

Story of a veteran and how he finally gets power from the REA.

general 20 minutes $2.65

BOB WHITE THROUGH THE YEAR (MSCS, Color)

Quail habitat and mode of living is filmed in its natural setting. Nesting, mating and feeding characteristics are all documented in this extraordinary film of the American Bob White at work and play.

j-h-c-a 60 minutes $15.00

BOBOLINK AND BLUEJAY (C, Color)

Intimate family views of both birds in vivid color.

i-j-h-c 10 minutes $2.70

BODY BUILDERS (SPEC)

Shows some of this country's finest masculine physiques. Illustrates the basic exercises, and gives an audience, unfamiliar with body building, an idea of how such perfection can be achieved by weightlifting, tumbling and hand-balancing. Renald and Rudy appear in a sequence.

Intended to encourage and stimulate body building and the sport of weightlifting.

h-c-a 22 minutes $2.65

BODY CARE AND GROOMING (McGH)

Develops the theme that good grooming starts with personal care, and describes some recommended daily habits that can help everyone to make the most of what nature has provided. Throughout the film there is continuous emphasis on the social advantages of a clean, healthy appearance. Other titles in the health series are BODY FIGHTS BACTERIA; EMOTIONAL HEALTH; HUMAN REPRODUCTION; and NOSE, THROAT, EARS.

j-h-c 17 minutes $2.65

BODY DEFENSES AGAINST DISEASE (EB)

An exposition of the three lines of defense — the skin, phagocytic cells and lymphatics, and the blood, including a section on immunology. Spectacular microphotography of phagocytosis is shown along with applications of the defense mechanism in specific cases. The action of liver and spleen together with types of antibodies and their effects are dealt with.

j-h-c 11 minutes $1.50

BODY FIGHTS BACTERIA, THE (McGH)

The story of the never-ending battle between disease-producing organisms and the human body. Various types of these organisms, such as bacilli, cocci, and spirochetes, are shown to be plentiful and dangerous, This film then describes the various counterbalances which mankind uses in combating these bacterial invaders. For other titles in this series see BODY CARE AND GROOMING.

j-h-c 17 minutes $2.65

BOLIVIA (EB)

Notes the market progress made in developing the resources of Bolivia under conditions which render travel and communication difficult.

j-h 15 minutes $2.65

BOMBER, THE (UW)

Shows the manufacture of the Martin B-26 medium bomber and suggests its speed and power as a combat plane.

j-h-c-a 10 minutes $1.50

BONNIE SCOTLAND, THE (TFC, Restricted to Classroom Use)

Opens with countryside scenes and close-ups of Scotland's famous heather. Then Abbotsford, the home of Scott. Near-by are the ruins of Dryburgh Abbey, where Scott is buried and his monument in Edinburgh.

We have a view of Edinburgh Castle, where Mary, Queen of Scots, reigned. Next is the palace at Linlithgrow where she was born, ancient Hollyrood Abbey where she married Bothwell, and the Royal Mile between Hollyrood and Edinburgh Castle. The famous Scotch landmarks included are the home of John Knox near Edinburgh, the humble little house at Dunfermline in which Andrew Carnegie was born, the town of St. Andrews, known as the ancestral home of golf and Ayr, the home of Robert Burns. Finally, we see views of Tam O'Shanter Inn, his favorite haunt.

i-j-h 11 minutes $1.85

BOOGIE-DOODLE (NFBC, Color)

Spots, blobs and wavy lines of brilliant color — blue, black and white on a dazzling red background — swing to the boogie rhythm. The figures pursue one another, unite, split up, a dot becomes a heart, then a blob, then a wiggly line — all bright and fast to the mood of the music.

h-c-a 9 minutes $2.70

BOOK AND THE IDOL, THE (AFII, Color)

Traces the conflict between paganism and monotheism from the early dawn of civilization in Israel, based on objects in the archaeological exhibit, "From the Land of the Bible."

h-c-a 14 minutes $4.25

BOOK OF BOOKS
(TFC, Restricted to Classroom Use)

The Bible binds together the spiritual life of the entire Western world. In this film we see the tremendously complicated processes and the fine skills necessary in printing and binding the tremendous amount of Bibles necessary to meet the demand for them. Press operators working with paper so thin it takes men especially skilled in Bible printing to handle it, gold leaf painters whose art is as old as printing itself; thousands of skilled hands are necessary to produce the thousands of Bibles that are sold yearly.

general 10 minutes $1.85

BOOKER T. WASHINGTON (EB)

Pictures him from childhood to the time when he became "probably the greatest Negro in history." Reproduces episodes illustrating his constant struggle to free his people from ignorance, poverty, and fear. Recalls his hardships in obtaining an education, his problem in building Tuskegee Institute, and his tragedies in private life.

j-h-a 22 minutes $2.65

BOOKKEEPING AND ACCOUNTING (VGF)

Job opportunities, training and examples of the work done are illustrated in this guidance film.

j-h-c 10 minutes $1.85

BOOKKEEPING AND YOU (C)

This film serves in three ways: to motivate study; as an aid to educational guidance; and as an aid to vocational guidance.

j-h 11 minutes $1.85

BOOKS (ICS)

This film shows origins of books and writing, primitive drawings, hieroglyphics, early inscriptions, etc. Then through the writings of Greece we come to Shakespeare, the Bible, and modern books. To make modern methods of book production more interesting, the rest of the film is built around an imaginary author and his book. The book is first seen in manuscript and then the film follows it through every stage of publication until it finally appears in the bookstalls and is reviewed in the press.

j-h-c 20 minutes $2.65

BOOKS FOR EVERYONE (UW)

Shows how the manufacture and distribution of millions of paperbound books in the United States make every type of publication easily available to all for education and entertainment.

h-c-a 11 minutes $1.85

BORAX FROM DESERT TO FARM (API, Color)

Shows scenes in the California desert where borax is found and produced and the importance of boron in agriculture, including boron deficiency symptoms on olives, celery, cauliflower, crimson clover, alfalfa, sweet potatoes, table beets, sugar beets, radishes, and apples.

h-c-a 25 minutes Postage

BORDER WITHOUT BAYONETS (McGH)

With the longest unfortified boundary in the world — from the Atlantic to the Pacific and up through Alaska to the polar regions — the United States and Canada face each other without a single cannon or a strand of barbed wire between them. An International joint commission controls the border with both countries represented and each country contributing to the cost. Here is visual proof of how two nations can live side by side in mutual respect and understanding without bloodshed or violence.

j-h-c-a 16 minutes $2.65

BORN EQUAL (LF)

The meaning and purpose of the United Nations Declaration of Human Rights. It takes the first article; that all men are Born Equal and develops the theme, making a comparison between freedom in a well run Democracy and lack of freedom in a police state. Without showing horror, it makes appreciation of freedom understandable, even to a child.

p-i-j-h 10 minutes $1.85

BORN IN THE WHITE HOUSE (NFI)

Traces the progress of medical science in the conquest of disease, with particular emphasis on recent gains in polio research and treatment of the disease.

h-c-a 26 minutes Postage

BORN TO DIE
(TFC, Restricted to Classroom Use)

This film introduces the dwellers on the sea bottom. An octopus enters an empty shell. A plumed worm expands its tentacles until it looks like a dahlia. Another strange worm, which appears to be half bat and half mouse, undulates across the screen. Beautiful hydroids, like creatures of spun glass, sway and bow in the ocean currents. A sea urchin, looking like an animated pin cushion, crawls into view. Its eggs, enormously magnified, go through cleavage up to 16 and 32 cell stages.

Then there are snails and their eggs which hatch into ciliated, free-swimming forms. A mother octopus guards her masses of grape-like eggs, stirring them frequently with her tentacles. Her relative, the common squid, lays its eggs in long rows of jelly.

i-j-h-c 11 minutes $1.85

BORN TWICE (GFL)

Depicts the story of Nicodemus, John 3, interwoven with two solos: "Ye Must Be Born Again" and "Alas and Did My Savior Bleed."

j-h-c-a 16 minutes $2.65

BORROWED POWER (AAA)

The story of how the attitudes of a typical high school boy are changed in order to make him a more responsible driver. Intended to build better driving behavior, a respect for "power under control."

h-c-a 19 minutes $2.65

BORROWING IN SUBTRACTION
(TFC, Restricted to Classroom Use)

This film shows a wholesome attitude toward problem-solving in general. It explains the step-by-step borrowing process involved in subtracting from a three-place number.

i 15 minutes $2.25

BOSS DIDN'T SAY GOOD MORNING
(TFC, Restricted to Classroom Use)

The psychological effect a boss' failure to say good morning has on an employee. Recommended for discussion for social studies in the junior and senior high school, and for elementary school use in connection with parent-child relationships.

j-h-c-a 11 minutes $1.85

BOSTON TEA PARTY
(TFC, Restricted to Classroom Use)

The statues and places commemorating the period in American history between 1775 and 1807 including the Virginia House of Burgesses, the Liberty Bell, Concord Bridge, the village green at Lexington Common, Fort Amherst, Crown Point, Fort Ticonderoga, Plaque of Putnam, Bunker Hill monument, statue of William Hale, monuments commemorating the Battles of Trenton and Saratoga, John Paul Jones trophy, Independence Hall, and the house of Betsy Ross are shown.

i-j-h 11 minutes $1.85

BOUNDARY LINES (IFF, Color)

A plea to eliminate the arbitrary boundary lines which divide people from each other as individuals and as nations, invisible boundary lines of color, origin, wealth and religion. The film is composed of animated paintings, moving lines, realistic and abstract symbols; the music is an integral part of the drama.

h-c 10 minutes $2.70

BOUNTEOUS EARTH, THE (OIAA)

Views the dances accompanying the blessings of the animals on Candlemas Day in the City of Choluia (City of Churches). The violent rites at Tlocotalapan, where a young bull is set at large to be baited by the entire community is shown.

h-c 11 minutes $1.85

BOWLING ACES (SF)

Watch the top-notch bowlers in action. They have perfect form from the first step through the time that the ball smacks down the pins. Closeups and slow motion photography reveal the finer points of bowling. As an added feature the expert demonstrates several trick shots.

j-h-c 11 minutes $1.85

BOWLING: BOWLING FEVER (RKO)

Bowling Champions Mrs. Caroline Fellmeth, Joe and Henriette Willman, demonstrate their techniques.

j-h-c-a 20 minutes $2.65

BOWLING: FIVE STAR BOWLER (RKO)

The nation's best bowlers, Nelson Burton, Ned Day, Buddy Bomar, Harold Asplund and George Young give examples of their skill.

h-c-a 15 minutes $2.65

BOWLING FUNDAMENTALS (M)

We all enjoy the things we do well. The key to continued enjoyment of the sport of bowling is to help the individual develop basic skills as a beginner. Film makes clear a few rudimentary principles which will be retained and applied with encouraging success at the bowling alley, and thus encourage further participation and development.

h-c-a 17 minutes $3.00

BOWLING SKILL (TFC)

Land bowling, spider or jackpot bowling, bowling duck pins, and bowling at the Sunset Bowling Center in Hollywood. A number of champions are shown. After regular bowling is demonstrated, trick bowling is done by Gene Gagliardi. Narration by Ted Husing.

i-j-h-c-a 10 minutes $1.85

BOWLING: STARS AND STRIKES (RKO)

Bowling top notchers, Ned Day and Jo Pittinger analyze timing and control.

h-c-a 15 minutes $2.65

BOWLING: TEN PIN PARADE (RKO)

The form, footwork, and follow-through of bowling experts, Joe Norris, Harry Ledene and Ray Newton.

h-c-a 15 minutes $2.65

BOWLING: TEN PIN TITANS (RKO)

Four of the nation's top-flight bowlers, Buddy Bomar, Mary Jane O'Donnell, Audrey Gersch, and Nelson Burton, show their knowledge of the game.

h-c-a 15 minutes $2.65

BOY AND HIS PRAYER, A (FFI)

Tells the story of a father's misfortune and loss of faith, and his guidance back to the way of right through his son's devotion and his prayers to God.

h-a 20 minutes $2.65

BOY IN COURT (NPC)

Tells the story of a boy who chooses the wrong crowd and gets caught while attempting to steal an automobile. It shows the way the probation association changes his outlook on life and makes a good citizen of him.

j-h-c 11 minutes $1.85

BOY OF MEXICO, A: JUAN AND HIS DONKEY (C, Color)

Through the warm story of Juan, a small Mexican boy, and his donkey, Pepito, children become acquainted with some of the characteristics of rural Mexico. In following Juan's experiences on a single day, the film conveys a sympathetic feeling for Mexico and provides a rich background for reading and the language arts activities related to life in this country.

p-i 11 minutes $2.70

BOY WHO SAVED A NATION

See

LAFAYETTE, CHAMPION OF LIBERTY

BOY WHO WAS AFRAID (BFS)

Shows how a boy overcomes his fear of dogs when given his own puppy to love and train.

i 12 minutes $1.50

BRAIN, THE (EB, Color)

Defines the brain and compares its development in several animals and man. Differentiates the function of the medulla and cerebellum, and describes the cerebrum in detail. Illustrates the cerebral functions of perception and motor control, analysis, integration, planning future acts, and elaborating responses as applied in a critical situation.

c 15 minutes $4.25

BRAIN, THE (UI, Color)

This film describes the physiology of the brain and discusses its functions in the human body. It traces its physiological steps in thought process and describes what happens in different types of physiological disturbances of the brain.

h-c-a 14 minutes $4.25

BRASS CHOIR, THE (EB)

The brass instruments are presented in this film as one of the orchestra's chief sources of power. There is, of course, a contrasting element in the French horns. A leading objective is to demonstrate this function by the group in full orchestral setting. A second objective is to show each brass instrument in solo passage, with ample opportunities, through sound track and unique camera angles, to study tone qualities, construction and techniques of playing. Masterpieces presented are Beethoven's Fifth Symphony, Mendelssohn's Midsummer Night's Dream Nocturne, and the finale of Wagner's Tannhauser Overture.

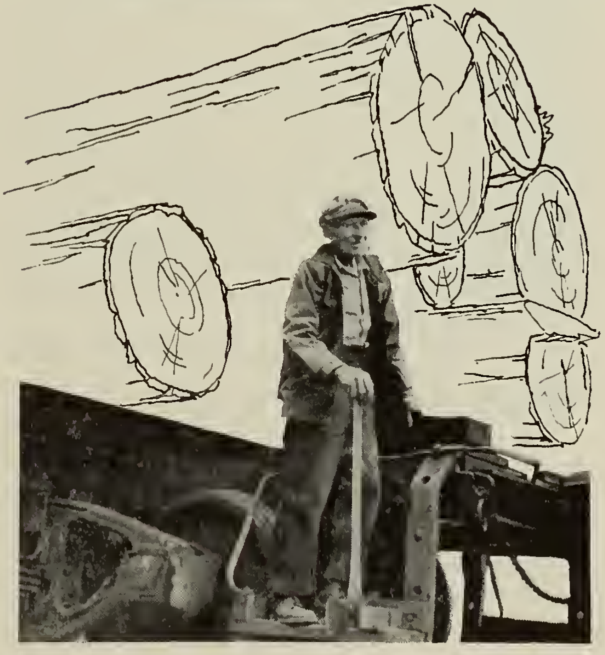
i-j-h-c 11 minutes $1.50

BRAZIL (EB)

Provides a geographical orientation to Brazil's vast extent, its regional contrasts, and its coast cities, before concentrating on the coffee-growing area. A land owner, an agent, and a family of pickers are seen in their relationships to a large coffee plantation, with its

Natural Resources

BIRTH OF THE SOIL
THE LUMBERMAN
CONSERVATION OF NATURAL RESOURCES
TREES FOR TOMORROW
TREES TO TAME THE WIND
THESE FISH ARE YOURS
SUNRISE SERENADE



varied crops, its mixture of immigrant people, its educational and religious activities. Film personnel and incorporated dialog reveal Brazil as a predominantly Portuguese country.

i-j-h-c 11 minutes $1.50

BRAZIL (MOT)

The tremendous advances that have been made as a result of emergency wartime projects is shown. Climax of the picture foreshadows the flourishing prospects for future trade between the U. S. and its big friend in South America.

j-h-c 13 minutes $2.65

BRAZIL AT WAR (OWI)

Shows the vast resources of Brazil, now a member of the United Nations, which are turned to war against the Axis. It is narrated by Edward Tomlinson.

h-c 11 minutes Handling charge, $1.25

BRAZIL GETS THE NEWS (OIAA)

The activities of the editorial and technical departments of a great modern newspaper in Sao Paulo are presented.

i-j-h-c 11 minutes Handling charge, $1.25

BRAZIL, SOUTH AMERICAN MEDLEY (OIAA)

Rio de Janeiro, one of the most magnificent cities of the western hemisphere, is shown; also Sao Paulo, world's greatest coffee port; venom being extracted from snakes for use in serum, and some scenes up the Amazon river, one of the world's great unexplored regions.

h-c-a 11 minutes $1.85

BRAZIL TODAY (McGH)

Shows the enormous progress made by a dynamic nation in its transformation from a sprawling agricultural region into one of the wealthiest of modern powers.

j-h-c-a 18 minutes $2.65

BRAZILIAN QUARTZ GOES TO WAR (OIAA)

A pictorial report on the mining of quartz in Brazil and the part that this great Brazilian resource is playing in winning the war.

j-h-c 10 minutes Handling charge, $1.25

BRAZIL'S FISHING SCHOOL (UW)

The story of the favorite project of President Vargas, the Marambaia Fishing School, located fifty miles south of Rio de Janeiro and facing on the Bay of Ilha Grande. Here Brazilian boys are trained in all the arts of fishing — handling and building small boats, making and repairing nets, and catching all sorts of fish from sardines to sharks.

h-c-a 10 minutes $1.50

BREAD (EB)

Processing of wheat from farm to the loaf on the dinner table is presented.

p-i-j 10 minutes $1.50

BREAD AND WINE (IFF)

Deals with Italian agriculture and the "mezzadria" system of Italian farming. Shows the harvest of the grapes, the cultivation of the crops, the making of bread, the routine life of the farmers and their proprietor, and an evening meal.

j-h-c-a 16 minutes $2.65

BREAD MAKING (PHP)

Portrays the main steps in the operation of a modern bakery. In addition, the film stresses the importance of proper nutrition, showing that bread contains so many health-giving body needs that it has become man's most popular single food.

j-h 11 minutes $1.85

BREAKDOWN (McGH)

A vivid and completely authentic case study of a young woman who develops a schizoid personality. Through the camera's eye we follow the course of her treatment first in a mental health clinic and later in a state hospital. Finally we see her discharged from this institution to complete her rehabilitation as a member of her family.

c 40 minutes $4.45

BREATHING APPARATUS (CINS)

Analyzes effect of heat, smoke, and gases on firemen. Emphasizes importance of breathing apparatus. Shows operating principles of various types of masks, methods of wearing them and correct maintenance of equipment.

h-c-a 33 minutes $3.70

BRIAR ROSE (SLEEPING BEAUTY) (C, Color)

Magnificently clad actors recreate medieval pageantry of the magical beauty of this fairy tale classic. This version of the beautiful princess whose century long sleep is ended by a kiss makes it a memorable film for reading background or as pure enjoyment.

p-i 15 minutes $4.25

BRICK AND STONE MASON (VGF)

Guidance film which discusses educational requirements, working conditions and possibilities of advancement.

j-h-c 10 minutes $1.85

BRIDGE, THE (NYU)

Deals with the economic basis of trade relations between Latin America and the rest of the world. Develops the thesis that air transportation and travel will probably play a larger part than anything else in modernizing the remote, inaccessible regions of Latin America.

j-h-c-a 30 minutes $4.00

BRIDGES FOR IDEAS (USC)

Examines communications media as bridges for ideas. Shows the importance to the teacher, the student, and the citizen of an understanding of the function and technique of language, motion pictures, radio and television, fine arts, and other means of communicating information and concepts. Demonstrates means of utilizing the various media as audio-visual teaching aids.

h-c-a 28 minutes $3.70

BRIGHTEST NIGHT (MSP, Color)

The story of the Nativity, told for children with miniature characters in miniature settings.

p-i 15 minutes $10.00
One Day Only in December

BRING THE WORLD TO THE CLASSROOM (EB)

Demonstrates the value of the sound motion picture; illustrates the need for proper utilization; concludes with scenes from various films produced for classroom use in the years 1936 to 1938.

h-c-a 22 minutes $2.65

BRITAIN AND HER EMPIRE (MOT)

After a brief pictorial "refresher" on Britain's wartime role, the March of Time depicts England's current struggle to restore herself to strength and prosperity. Housing and health, social security and education are covered in relation to the efforts of the British people to build for themselves a post-war society more stable and more equitable than any they have ever known.

j-h-c 17 minutes $2.65

BRITISH FACTORY FOREMAN (IFF, Color)

The daily activities of an automobile craftsman and his family in England. Stresses the ways in which postwar austerity has affected the lives of the English people.

j-h-c-a 13 minutes $3.65

BRITISH GUIANA
(TFC, Restricted to Classroom Use)

Here is a country with a largely immigrant population. When the land was first explored, hardly anyone lived there. The people have made great progress since they came into the country, many of them being imported as slaves. The principal crop is sugar cane and sugar makes up most of the country's exports. Rice is also an important crop. We see the gold fields and the picturesque canals, dating back to Dutch occupation. There is a great deal of magnificent scenery in British Guiana, one feature of which is the highest waterfall in the world — over twice as high as Victoria Falls in South Africa.

general 9 minutes $1.85

BRITISH ISLES (EB)

Provides a graphic survey of the area including England, Ireland, Scotland, and Wales. Surveys representative aspects of British life and explains how the region has developed as one of the world's most important industrial and commercial centers. Interprets, with animated drawings, the geographical factors that have influenced the development, and emphasizes Britain's interdependence with the rest of the world.

i-j-h 10 minutes $1.50

BRITISH ISLES: THE LAND AND THE PEOPLE (C)

How do fifty-three million people live on two islands about the size of Idaho and Maine? To understand this is to understand the geography of the British Isles. Key to the answer is the exchange of imports and exports. Through this film, audiences will gain a strong, clear concept of how and why the people of the British Isles have made excellent use of their limited space and resources; how they have built their islands into one of the world's centers of shipping and trade.

i-j-h 11 minutes $1.50

BRITISH MILL OWNER (IFF, Color)

Depicts the everyday life of William Cox, a woolen merchant and owner of mills on the outskirts of Manchester. Shows his problems in business in keeping up a large house formerly manned by 14 servants.

i-j-h-c-a 12 minutes $3.65

BROAD JUMP (C)

Pointers on how to add inches to the jump by proper exercise and how to handle the body during the jump are stressed. The film also covers the hop, step, and jump. Precautions to prevent injury to the athlete in this strenuous event are emphasized throughout the film.

j-h-c 10 minutes $2.00

BROAD STROKE DRAWING (BRF)

How to manipulate broad-edge crayon, paper, shading, and design in using this technique.

h-c-a 11 minutes $1.85

BROADER CONCEPT OF METHOD, PART I: DEVELOPING PUPIL INTEREST (McGH)

Presents a frank picture of the conventional teacher-dominated lesson-hearing type of recitation and shows typical effects of this method on student attitudes, responses and learning. Other titles in the teacher-training series are BROADER CONCEPT, PART II; LEARNING TO UNDERSTAND CHILDREN, PART I AND II; and MAINTAINING CLASSROOM DISCIPLINE.

c 13 minutes $2.25

BROADER CONCEPT OF METHOD, PART II: TEACHER AND PUPILS WORKING TOGETHER (McGH)

Students are shown learning to work together, to organize themselves into functional groups, to make and carry out plans for investigations, and to present their findings and recommendations in a group report. For other titles in this series see BROADER CONCEPT OF METHOD, PART I.

c 19 minutes $2.65

BROKEN APPOINTMENT (NYU)

The film describes the experience of a young public health nurse, who discovered that, in handling a case successfully, it was as important to understand a patient's feelings as to interpret physical symptoms.

c-a 30 minutes $3.70

BROKEN EARTH (SAE, Color)

Starring Clarence Muse and featuring the voices of the Frieda Shaw choir, deals with Negro life on a farm and the power of worship helping to overcome strife.

h-a 10 minutes $2.70

BROTHERHOOD OF MAN (BRF, Color)

An animated film which emphasizes that differences between the human races are superficial, accidental, and environmental. Explains that the differing skins of the races of mankind mean nothing. Effective, witty, and positive approach to a serious problem.

i-j-h-c-a 10 minutes $2.70

BROTHERS IN BLOOD (TFC, Restricted to Classroom Use)

Carey Wilson goes to a Red Cross Blood Bank to donate his pint of blood. The doctor, an old friend, tells him the story of the origin and development of scientific research that made possible the saving of human lives by blood transfusions as scientists discovered the properties and different types of blood.

j-h-c-a 11 minutes $1.85

BRUSH IN ACTION (IFB)

Shows the different kinds of brushes and the different ways that they may be held for the type of work to be done, this film with its contrasting blacks and whites illustrates the technique of washing, toning, emphasizing surface texture of the paper, and painting a picture.

i-j-h-c-a 10 minutes $1.85

BRUSH TECHNIQUES (EB, Color)

Reveals how watercolor art can communicate the vivid impression of a landscape. The film is photographed as if through the eye of the artist, Eliot O'Hara, one of America's leading watercolorists, and one of this medium's most successful teachers.

i-j-h-c 11 minutes $2.70

BRYCE CANYON NATIONAL PARK (AB, Color)

Presents significant features of the park region. Explains the geological background of the area and the forces of nature active there today.

i-j-h-c-a 5 minutes $2.70

BUCK CHEESER (COR)

Buck takes a rocket trip to the moon and has a merry journey on the seat of a dream.

p 10 minutes $1.50

BUENOS AIRES AND MONTEVIDEO (OIAA, Color)

Many aspects of life in the Argentine capital and glimpses of Uruguay's chief city and its gay carnivals are vividly described.

i-j-h 11 minutes $2.70

BUENOS AIRES, GATEWAY TO ARGENTINA (A)

Shows city's buildings, parks, markets, harbor, industries, and recreational activities. Scene included shows the arrival of a new ambassador from the United States.

i-j 22 minutes $3.00

BUENOS DIAS, CARMELITA (COB)

Tells the charming story of pretty Carmelita and her fellow students. The vocabulary, which emphasizes the number and the clock phrases, consists of one hundred and fifty words of the Kenniston merit lists. It will be easily understood by the second year student. The narration is carefully and distinctly spoken by a native. The object of this unit is to set astir a desire to use the language and thus to stimulate more purposeful study.

h-c 20 minutes $2.65

BUILD GOOD TERRACES WITH YOUR OWN MOLDBOARD PLOW (CASE, Color)

Provides instruction in the "island" system of terrace building.

h-c-a 10 minutes $1.00

BUILD HIGHER (COB)

Presents a sermon developed around scenes of the collapse of the Niagara Falls View Bridge in 1938.

a 20 minutes $2.65

BUILD YOUR VOCABULARY (C)

The film portrays a vocabulary failure and shows how it is turned into a success. Mr. Thompson, who finds himself at a loss for words at a Civic Association meeting, takes a cue from his son, Roger, and embarks upon a systematic campaign of vocabulary improvement. Proven methods of vocabulary-building are demonstrated while the film establishes the need for a well-rounded vocabulary.

j-h-c 10 minutes $1.50

BUILDING A BOX BEAM SPAR (CAA)

Shows how to assemble the parts of the spar in a jig; apply aircraft glue; clamp parts together for a good glue bond; varnish surfaces for protection from moisture; and use jigs for accurate drilling.

h-c-a 21 minutes Handling charge, $1.00

BUILDING A HIGHWAY (EB)

Skillfully demonstrates major steps in the construction of a modern, two-lane highway. Illustrates such processes as clearing, cutting, scraping, and leveling the roadbed; assembling materials; mixing and dumping the concrete; and smoothing and finishing the surface. Finally reveals the completed highway open to traffic. Emphasizes the necessary skills involved in providing well-built, safe highways for automotive traffic.

p-i 10 minutes $1.50

BUILDING A HOUSE (EB)

It clearly portrays the basic, step-by-step processes in the construction of a low cost, wood-framed, one-family home.

p-i 11 minutes $1.85

BUILDING A NATION (ISRAEL) (UW)

Surveys the changes in culture as a result of modern technology. In this semi-arid land, irrigation is shown as the chief problem. Also gives a view of how the Arabs and Jews live, contrasting their two cultures.

j-h-c-a 20 minutes $2.65

BUILDING A POND (CASG, Color)

Shows how to construct a farm pond for water supply, recreation, or both.

a 10 minutes $1.00

BUILDING A SET (IFB)

Technician shows steps in construction of a flat from scale drawings.

h-c-a 11 minutes $1.85

BUILDING A WOODEN RIB (CAA)

Shows how to assemble, fit, and glue wooden parts in a jig; fit and position the gussets to the framework; how to apply aircraft glue; and how to apply varnish.

h-a 10 minutes Handling charge, $1.00

BUILDING AMERICA'S HOUSES (EB)

Analyzes reasons for high building costs and examines ways in which costs can be reduced.

j-h-c 11 minutes $1.85

BUILDING AN OUTLINE (C)

Teaches students that clear thinking, economical expenditure of time, and effective communication with others are the result of orderly planning, and that outlining is merely the writing down of this organization.

j-h-c 11 minutes $1.85

BUILDING BETTER PARAGRAPHS (C)

The elements of a good paragraph — having it express only one idea, being sure the topic sentence is interesting, arranging the information in order and having the concluding sentence "finish" the paragraph — are visually presented when several pupils write up for the school paper an experience of one of their classmates, whose dog, Major, won a trophy at a dog show. The audience is encouraged to write other paragraphs, based on the full story they now know.

p 11 minutes $1.50

BUILDING BIRDHOUSES (IFB, Color)

Two children see an illustration in a library book showing a variety of birdhouses, each suitable for a specific kind of bird. With the help of their older brother they begin making several kinds of birdhouses and shelters. They collect suitable materials and work from detailed plans. Finally birds nest in their birdhouses.

j 6 minutes $2.70

BUILDING CHILDREN'S PERSONALITIES WITH CREATIVE DANCING (UC, B&W or Color)

A group of children are followed through a creative dancing class under the leadership of Mrs. Gertrude Knight. Through their original uncertainty and uneasiness, to the moment of the supreme expression of joy, feeling and creativity.

c-a 30 minutes $3.70 B&W, Color $5.20

BUILDING LOW-COST FLUME FOR EROSION CONTROL (PCA, Color)

Construction processes for low-cost cement flumes for protection against soil erosion on farm land. Design of flume and the preparation of the earth form are shown in detail and the final pouring of the concrete is illustrated.

Available only to Illinois users.

h-c-a 11 minutes No charge

BUILDING THE PANAMA CANAL (KB)

Begins with historic scenes of the actual building of the canal. It shows the uniting of the Pacific and Atlantic Oceans and how the locks operate. In conclusion a trip through the canal is pictured.

j-h-c 11 minutes $1.85

BUILDING THE PBY RECORD BREAKERS (CAA)

An informative film of the various operations and activities involved in the manufacture of Consolidated Vultee seaplane — the PBY.

h-c-a 35 minutes Handling charge, $1.00

BUILDING TYPING SKILL (C)

In order to type faster one must master relaxation, precise operative control, attention to the copy, control of arms and hands, and confidence in his own performance at top speeds. The slow motion camera catches the details of skill-building exercises.

h-c 11 minutes $1.50

BUILDING WITH CONCRETE MASONRY (PCA, Color)

Pictures buildings made with concrete blocks. Shows how to build walls, how to make mortar, and how to paint the concrete masonry.

Available only to Illinois users.

h-c-a 13 minutes No charge

BUMA — AFRICAN SCULPTURE SPEAKS (EB, Color)

Presents Central and West African antique sculpture. Portrays many carved wooden statutes and masks in which the native African sought protection and reassurance from the dangers and fears of everyday living.

h-c-a 10 minutes $2.70

BUREAU OF AERONAUTICS INDUSTRIAL PLANNING PROGRAM (CAA, Color)

Shows the plans made to have tools, men, and plants ready for rapid expansion to meet war needs.

h-c-a 15 minutes Handling charge, $1.00

BURIED LOOT (TFC, Restricted to Classroom Use)

Part of the "Crime Does Not Pay" series. A young bank clerk embezzles a large amount of money, then confesses and says he has spent all the money on big times, horses, etc. He takes his five-to-ten year sentence, expecting to simply wait it out, then come out a free man and recover the money, which he has actually buried instead of spending. The bonding company, suspicious, plants a "convict" as a cell-mate who induces him to try a prison break. He does, and with the cell-mate's help is successful. He of course goes straight to the place where the money is buried and is caught.

j-h-c 20 minutes $2.65

BUS DRIVER (EB)

Work of long distance bus drivers is dramatized in a story of cross-country trip made by small boy. Duties of driver are depicted in scenes of driving. Attention is given to safety precautions. Bus terminal and service garage are pictured.

p-i 10 minutes $1.50

BUSINESS OF FARMING (NFBC)

Shows the relation of farm costs to farm income in Canada by means of charts. Covers 1926 to present time.

c-a 22 minutes $2.65

BUSINESSMEN'S SERVICE CLUB (UW)

Shows how members of the Kiwanis Club in Waterbury, Connecticut, as a community service to high school students, give evening talks about their businesses and professions; and how the students work after school in various businesses in order to gain experience.

h-c-a 11 minutes $1.85

BUTTERFLIES (EB)

Illustrates the complete life history of the cabbage butterfly and the swallow-tail butterfly with their different characteristics and habits, including their role in nature, that of aiding in the cross-fertilization of flowers. Time-lapse photography is employed to show in a few seconds processes which require an hour or more. The destructiveness of the cabbage butterfly, as well as its unusual control by a natural enemy, is dramatically depicted.

i-c 11 minutes $1.50

BUTTERFLY BOTANISTS (C, Color)

An excellent color film which treats the following concepts: (1) Life history of a typical butterfly — Monarch; (2) Dependence of larvae on food plant; (3) Stages of development of various species, stressing methods of hibernating; and (4) The economic importance of butterflies.

i-j-h 11 minutes $2.70

BUTTERFLY, THE (C, Color)

Examines the monarch butterfly as an example of the scaly winged insects.

i 6 minutes $2.00

BUYER BEWARE
(TFC, **Restricted to Classroom Use**)

Shows how retail drug merchants dealing in stolen goods almost bring disaster to a community.

j-h-c-a 20 minutes $2.65

BUZZ SAW BATTLE (HFE, **Color**)

A cartoon.

p-i 10 minutes $2.00

BY ALL MEANS (ERC, **Color**)

Shows the gradual transformation of the church in a typical American town as it employs various methods and activities for Christian education in order to re-establish itself as a force in the community.

h-c-a 22 minutes $4.25

BY JUPITER (WPP)

Approaches the universal problem of improving the attitude of man toward man. It drives home the theme of "Courtesy is Contagious" through a blend of fantasy and reality. It reveals the everyday experiences of an ordinary man who learns how to become "wisely selfish" through a miracle worked by a benign Jupiter and his wife, Juno.

j-h-c-a 27 minutes $3.70

BY MAPS AND COMPASS (CRF, **Color**)

Mr. Wallace and his son Gary are shown on fishing and hiking trips as they use a topographic map and a compass. A summary of the techniques of using a map and compass is included.

j-h-c 26 minutes $5.20

BYWAYS OF BANGKOK (TFC, **Color, Restricted to Classroom Use**)

A review of surface life in Siam's Bangkok. The descriptive commentary includes some historical and anthropological data. The sound is occasional and dubbed-in with a background of pseudo-oriental music.

j-h-c-a 10 minutes $2.70

CADET CHAMPIONS
(TFC, **Restricted to Classroom Use**)

First shows West Point from across the Hudson River. The cadets are seen in uniform on the parade grounds, then parading in their various athletic uniforms. Military precision is adhered to, even during the various activities in the gymnasium, which includes the use of Indian clubs, horses and the parallel bars. Fencing is obligatory, to foster grace and coordination. Group shadow boxing is seen and the various feints and blocks are practiced. Cross-country riding includes passage of difficult water and rock terrain, as well as over barriers. A game of lacrosse is pictured. The final sequence shows an Army football team in action.

j-h-c 11 minutes $1.50

CADET CLASSIFICATION (OWI)

Only men in top physical condition are selected, and every precaution is taken to make the best crews of pilots, navigators and bombardiers ever assembled. The procedures shown are those of one particular school. Each man is carefully chosen and placed in his job.

h-c 19 minutes Handling charge, $1.50

CAISSONS GO ROLLING ALONG, THE (OWI)

Robert Weede sings this well-known song of the Field Artillery. Scenes of the Field Artillery in action make a stirring background.

general **4 minutes** Postage

CAJUNS OF THE TECHE (QUAINT FOLKS)
(TFC, **Restricted to Classroom Use**)

A travelogue of the Bayou Teche country of Louisiana populated by the descendants of the French Arcadians of Nova Scotia made famous by Longfellow's poem "Evangeline." The bayous and rivers where boats supply the means of transportation, the fishing industry, farming, various types of dwellings and homes, beautiful countryside, customs of the Cajuns and some typical villages are shown in this film.

i-j-h 10 minutes $1.85

CALENDAR, THE: DAYS, WEEKS, MONTHS (C)

Introduces the concept of the calendar and shows the relationship of days to weeks and weeks to months in a delightful story about one little boy who learns how to read the calendar to find out the day that the circus is coming to town.

p 11 minutes $1.50

CALIFORNIA (INF, **Color**)

Over-all view of the "Golden State," its scenic wonders, agricultural areas, and outstanding industries.

i-j-h-c-a 10 minutes $1.50

CALIFORNIA (MO, **Color**)

Planned for presentation in history and social courses. Shows the unification of California with the growth of the U.S., acquiring of land grants etc., development of state's natural resources, principal industries, geographical grandeurs. Also shows the state to be a part of the whole U.S., important as an economic and social unit of a nation built on freedom of enterprise.

i-j-h 12 minutes $2.70

CALIFORNIA BOOMTOWN (McGH)

A pictorial record of the city of Los Angeles which

the
LOWER DEPTHS

Gorki's fine play, presented by a Russian cast. In Russian with English subtitles.

20 MINUTES RUNNING TIME $3.50 PER WEEK

presents many problems of city life peculiar to this area of southern California.

j-h-c-a 16 minutes $2.65

CALIFORNIA MISSIONS (LF)

The historic civilization outposts of another century were built by the Franciscan friars who, starting in Old Mexico, erected their places of worship along a thousand mile course, terminating their peaceful conquest of hostile Indians in what is now Los Angeles.

j-h-c-a 10 minutes $1.85

CALL OF CANADA
(TFC, Restricted to Classroom Use)

A look at war-time Canada; a land noted for scenic grandeur even while making an all-out war effort. Shows the capital at Ottawa, with the changing of the guard in the traditional manner, sight-seeing in Montreal, and the shrine of St. Anne de Beaupre. We see also Canadian troops in training, and the peaceful nesting place of the Gannets on Bonaventure Island, only a few miles from all the wartime effort.

general 10 minutes $1.85

CALLS THAT CURE (OWI)

The sick and wounded men in Halloran Army Hospital have been furnished with the latest in telephone facilities. Shows how every provision has been made to make the telephone within reach of all. Especially stressed is the tremendous curative power that results when the wounded and sick are able to get in touch with their families.

j-h-c 12 minutes Handling charge, $1.00

CAMBRIDGE (BIS)

Shows daily life at the University of Cambridge in England. Exploring lecture halls and laboratories of the school and also sequences of some of the well known professors at work.

h-c-a 21 minutes $2.65

CAMOUFLAGE IN NATURE BY PATTERN MATCHING (C, Color)

Shows how birds, animals, insects, fish, reptiles, and amphibians depend upon the camouflage of pattern to protect them from their enemies.

i-j-h-c 8 minutes $2.70

CAMOUFLAGE IN NATURE THROUGH FORM AND COLOR MATCHING (C, Color)

Shows how animals, birds and fish protect themselves from their natural enemies by a disguised appearance. Thirty-two species are shown.

i-j-h-c 10 minutes $2.70

CAMPING: BOY'S CAMP (RKO)

Camping activities during the summer.

j-h-c-a 15 minutes $2.65

CAMPING EDUCATION (LC)

Tells of the need for outdoor education in America and shows how teachers, school administrators and youth leaders are trained at Life Camps National Camp.

c-a 18 minutes $3.00

CAMPING FOR GIRL SCOUTS (GSA)

Shows Girl Scout Camping in action including camp life in small units, the girl's part in planning camp activities, and outdoor programs for girls of various ages. Qualified adult leadership and high standards of health and safety are emphasized.

j-h-a 17 minutes $3.00

CAMPING WITH THE TROOP (BSA)

How a troop planned and carried out its yearly outdoor program under the leadership of its scoutmaster. Scenes include fall, winter, and spring hikes with father and son participating. It describes the long and careful preparation needed for a troop going to summer camp. Choosing of camp site, checking equipment, setting up tents in the patrol method of "learning by doing" is also shown.

i-j-h 10 minutes $1.85

CANADA (McGH)

Canada is shown from the geographical and historical standpoints concurrently. The film also shows the swift industrialization during the war years, the vast agricultural and industrial strengths that are Canada's.

j-h-c 11 minutes $1.85

CANADA CALLING (NFBC)

Reviews the history of radio in the Dominion and its present three-network set-up. By means of excerpts from many favorite programs, indicates the variety of radio fare for Canadians.

h-c-a 18 minutes $2.25

CANADA DANCES (NFBC)

From ballet to street dances, Canadians express themselves in dances. The traditions of the early French and British settlers have their influence and the folk dances of Central Europe have been brought to Canada by immigrants. The traditional Indian dances are shown, along with some of the modern jive music and dancing as it has been influenced by the machine age.

general 10 minutes $1.85

CANADA UNLIMITED (McGH)

Emphasizes that Americans know little about our "neighbor" — the 3rd largest country in the world. Shows that Canada's industries and large cities are as advanced as those in the United States, while its outlying areas are as wild as our frontier of a hundred years ago.

j-h-c-a 17 minutes $2.65

CANADA'S NEW FARMLANDS — ALBERTA PEACE RIVER DISTRICT (UW)

The principles which govern the development of new frontiers are clearly set forth in this picture. We observe Roy and Einar Grimsrud, two young Norwegians, who fought in the Canadian Army, begin the development of their new lands. Clearing the land, planting crops and taking part in the life of the new community, these young men are typical of the people who push the boundaries of our civilization ever outward to new frontiers. Contrasted to the life of the Grimsrud boys, the film presents the more settled life in the growing town and on the farm of Mr. and Mrs. Watson, two of the earlier settlers.

i-j-h 22 minutes $2.65

CANADIAN BOOM (McGH)

Takes note of the tremendous industrial growth of Canada since the close of World War II. Shows that Canada is now one of the industrial ranking powers of the world. Visits industrial centers, including the famous nitrates-producing plant, and shows how Canada's steel, coal, lumber and paper industries have soared as the country has been able to utilize more of its tremendous natural resources.

j-h-c-a 27 minutes $3.70

CANADIAN LANDSCAPE (NFBC, Color)

Canada's painter, A. Y. Jackson, interprets the Canadian scene in this color film. In the brilliant autumn hills of northern Ontario he chooses a theme and builds a sketch. In spring he catches April sun on the snow in old Quebec. Jackson's studio technique is shown and some of his canvasses reproduced.

j-h-c 20 minutes $4.00

CANADIAN MOUNTIES (McGH)

Shows the training and work of the Canadian Mounted Police.

h-c-a 15 minutes $2.65

CANADIAN WHEAT STORY (YA)

A Canadian Film Board production which tells the story of Canadian wheat, from its growth and harvesting on the farm to the milling of flour and baking of bread.

j-h 9 minutes $1.65

CANCER (EB, B&W or Color)

A timely film explaining the basic facts that everyone should know about cancer. Describes the nature of cancer, the widespread necessity for constant vigilance in the detection and subsequent treatment of cancer.

h-c-a 14 minutes $2.00 B&W,
Color $3.50

CANDLE MAKING (AB)

The art of candle making by a pioneer family is portrayed in this film. The entire process of candle making is presented step by step with each member of the family having particular tasks to do.

i-j-h 11 minutes $1.50

CANINE EYES FOR THE BLIND (HFE)

A magnificent story of the "Seeing Eye" dogs who provide a new way of life for hundreds of blind people. In this picture we follow a group of month-old puppies through every step of their training until they are accepted as leaders of the blind, and are given a blind master.

j-h-c 11 minutes $1.85

CANNIBAL ISLES, THE
(TFC, Restricted to Classroom Use)

The Fiji Islands, formerly ruled over by cannibal chiefs, have been largely converted to Christianity and greatly civilized since British occupation. Civilization hasn't taken over everywhere, however. We see half-naked natives in ceremonial dances — people who may still indulge in cannibalism when no one is looking.

general 10 minutes $1.85

CANOE COUNTRY (NFBC, Color)

An American family discovers the adventurous holiday to be had in Canada's northland. The Watsons — Dad, Mickey and Virginia — of Cincinnati travel by canoe along the old fur trade route from Missinabi. Fishing, of course, is an important part of a trip like this — and apart from the sport fresh pike or pickerel tastes so good to appetites sharpened by the pine-scented air. Glimpses of wild-life; tips on making a portage and on setting up camp in the bush are among the sequences in the film, which stresses this northern country's fine satisfaction for all who have an appetite for the out-of-doors.

general 13 minutes Handling charge, $1.00

CAPACITANCE (UW)

Demonstrates the flow of electrons through a circuit and shows the charging and discharging of condensers. The variations of a charge on a condenser in relation to time and the behavior of capacitance with alternating current are discussed.

h-c-a 31 minutes $3.70

CAPITAL STORY (UW)

Pictures the relationship between industry and science, the functions and activities of the U.S. Health Service, the duties and responsibilities of a research chemist, and the processes used in chemical analysis.

j-h-c-a 20 minutes $3.00

CAPITALISM (C)

Capitalism is the subject of a Radio Forum to be presented by "Western" High School. The students have become so interested in the subject that they hold a lively discussion even before they go on the air. The widely divergent ideas of every stratum of society are heard. The film introduces basic concepts of the capitalistic system and shows its superiority.

h-c 10 minutes $1.50

CAPTAIN BROWN, HARBOR PILOT (F, Color)

Story of the harbor pilots who meet the ships and steer them safely to their docks. During low visibility, ships must wait until it is safe for them to come into the harbor. Pilots use modern equipment to aid the ships, such as the lighting equipment at the harbor entrance. Several large harbors are shown, each with its own special navigational problems. Captain Brown, a former ship captain, works with the ships to bring the tugboats alongside, and navigate it. Bob Gaffner goes along with Captain Brown to the ship. A freighter that tried to dock without a pilot is shown as it rammed its stern into the wharf.

j-h 11 minutes $2.70

CAPTAIN KIDD'S TREASURE
(TFC, Restricted to Classroom Use)

Conflicting theories in regard to Captain Kidd's treasure are here illustrated.

We see Kidd in prison in 1701 under sentence of death. He writes a letter to the authorities promising to lead them to his treasure if, in return, they will spare his life. He is hanged, however, and the contents of his letter made public. Men are still searching in vain for the treasure.

Three present-day business men are discussing a plan for finding the Kidd gold. One of them says his information will take them to a small island off the coast of Madagascar. A dramatization of the story he tells shows the pirate and his band attacking a ship, finding a treasure chest, burying it. Kidd shoots the two men who know the hiding place, but draws a crude map of the location. The business man claims to have this map.

Another of the three men conjectures that Kidd was not a pirate, but had been commissioned by the King of England, and that his crew mutinied and seized the chest.

i-j-h 10 minutes $1.85

CAPTAINS COURAGEOUS
(TFC, Restricted to Classroom Use)

Features the boat race back to Gloucester after the fishing boats have caught a full load. Exciting action in rough seas as the two captains try to outdo each other and win the race back with the first load of fish. Tragedy strikes when the rigging of one of the boats gives way, carrying the sailor Manuel, played by Spencer Tracy, to death in the waters of the Atlantic.

general 10 minutes $1.85

CAPTAINS COURAGEOUS: Fishhook Sequence
(TFC, Restricted to Classroom Use)

Excellent adult guidance of child when he does something wrong.

a 11 minutes $1.85

CAPTAINS COURAGEOUS: School
(TFC, Restricted to Classroom Use)

A schoolboy, son of a rich father, tries to rule the faculty and his schoolmates by bribery and threats. When he is punished for flagrant bad behavior he runs away and complains to his father of cruel treatment. The father learns the truth, and sees that his absorption with business is partly the cause of his son's difficulties.

j-h-c-a 12 minutes $1.85

CAPTAINS IN HIS ARMY (SER, Color)

Traces the life of a seminarian through high school, college, philosophy and theology. Closes with the ceremonies of the ordination to the subdeaconate, deaconate, and the priesthood.

h-c-a 40 minutes $10.00

CARAVANS OF TRADE (FI)

The basic theme of this film is that the world has been made small through knowledge — knowledge which has come from man's use and invention of fast and safe means of transportation under the impetus of trade.

j-h 22 minutes $2.65

CARBON AND ITS COMPOUNDS (C)

A diamond . . . a pencil . . . and a chunk of charcoal. Beginning with these familiar objects, the film explains carbon's simple compounds and introduces hydrocarbons and the more complex chain and ring compounds. It teaches appreciation and understanding of the tremendous importance of carbon in our domestic and industrial worlds.

h-c 10 minutes $1.50

CARBON FOURTEEN (EB)

Explains the use of radiocarbon (carbon 14) as a means of dating historic and prehistoric objects. Tells the story of half-life in clear, understandable terms. Illustrates the role of carbon 14 in tracing the vital processes of growth and decay in living things.

j-h 14 minutes $2.65

CARE OF ART MATERIALS (YA)

An all-animation film designed to promote greater interest and care in the handling of art materials. Discusses care and use of such common tools as brushes, paints, chalk and crayons, scissors, paste and glue, and clay.

p-i 11 minutes $1.85

CARE OF CHILDREN OF WORKING MOTHERS (OWI)

Depicts a typical day in a nursery school. Helen Hayes, as commentator, emphasizes the advantages which the nursery school offers for the care of children of working mothers — safe and wholesome fun, wise guidance in the art of learning to do for one's self and in helping others, a well-planned daily program including indoor and outdoor play, nourishing food, rest periods and health supervision. It shows working mothers what a child care center is and how it operates.

h-c 22 minutes $2.65

CARE OF HAIR AND NAILS (EB)

A fairy tale character shows youngsters how to clean and manicure fingernails, how to trim toenails, and how to shampoo and brush the hair. She lets them see some common diseases of the hair and uses animated drawings to show the structure of hair and nails, and to explain why their care is important.

p-i 11 minutes $1.50

CARE OF PETS (EB)

The proper care of various household pets is dramatized in this film. In delightful home scenes, pupils may see other children enjoying their little friends and providing for their needs. Bob demonstrates that a boy can attend to the special requirements of strange tropical fish. The sleek coat and good manners of Tippy, the cat, are indicative of the care and kindness of his mistress. This is more than an authentic and enchanting study of the care of pets. It is an experience in worthy home membership.

p-i-j 10 minutes $1.50

CARE OF THE CAR (FMC)

One of the Ford Motor Company's series on driver education. Intended primarily for use in high school driver education courses to supplement classroom study and on-the-road training.

h 10 minutes $1.85

CARE OF THE FEET, THE (EB)

Emphasizes the extreme importance of good foot care and points out the tragic results of ill-fitting shoes. Diagrams shown of the bones and muscles of the feet serve to simplify and make plain the reasons why great care should be used in selecting good shoes and in exercising the feet to make them strong.

j-h-c 12 minutes $1.50

CARE OF THE NEW-BORN BABY (UW)

Instruction of parents in caring for, feeding and bathing the new baby is demonstrated. Scenes in the prenatal clinic, the hospital, and the home portray the role of the nurse in instructing the parents.

h-c-a 31 minutes $3.70

CARE OF THE SKIN (EB)

Demonstrates the good habits of skin hygiene which every child should form. Portrays three attractive children as they prepare for bed, showing the proper way to wash hands and face, to clean the nails, and to bathe. Common skin ailments are illustrated. Animated drawings describe the structure of the skin and explain why soap is necessary for cleanliness.

p-i 11 minutes $1.50

CAREER IN THE PROFESSION OF DENTISTRY (ADA)

Shows the dentist's activities from preparation in college to practice in the community, with emphasis on the position the dentist enjoys in the civic and social life of his community.

h-c-a 30 minutes $3.70

CAREERS FOR GIRLS (MOT)

Covers the amazing variety of fields now open to women. Also points out the relationships between a girl's everyday interests and the type of work that she might do successfully.

j-h 18 minutes $3.00

CARELESSNESS COSTS YOU (IBEW)

Shows serious injuries to electrical equipment plant workers caused by misuse of machine guards and failure to wear protective equipment. Although primarily for electrical workers, the unsafe attitudes can apply to any industry.

h-c-a 14 minutes $2.65

CARIBBEAN (EB)

The islands of the West Indies spread around the Caribbean Sea; islands known to the world for their exports of sugar and cigars, gold and rum, spices, cocoa, and bananas. They are known, too, for their music. The film gives a closer look at the islands — their ancient customs, their varying populations, and the modern problems of health, housing and education. Film also has an interesting and exciting musical background.

general 25 minutes $3.70

CARIBBEAN SENTINEL
(TFC, Restricted to Classroom Use)

Shows view of San Juan, shots of cocoanut, banana and sugar industries, Monkey Island, views of military developments and operations in preparation for making Puerto Rico a major defense of the Panama Canal.

i-j-h-a 10 minutes $1.50

CARING FOR YOUR TOYS (YA)

Shows the child how to care for his toys, and the best methods for storing indoor toys, outdoor toys, and water toys.

p-i 10 minutes $1.85

CARMEN (OF)

Abridged version of the Georges Bizet opera filmed at the Rome Opera House. Continuity is preserved and all important musical passages are included. The narrator is music critic Olin Downes. Features Clo Elmo and Tito Gobbi.

j-h-c-a 25 minutes $4.50

CARNIVOROUS PLANTS (FICA, B&W or Color)

Dramatized with . . . closeup photography, this is an instructive film about the principal varieties found in the U.S.A.

j-h-c-a 14 minutes B&W $3.00, Color $6.00

CAROL OF THE HARVEST (H, Color)

A scenic background for the poetry of Walt Whitman.

h-c-a 11 minutes $2.65

CAROL SINGERS IN THE SNOW (COF, Color)

With a background of choral Christmas music, the Star of Bethlehem floats down into a beautiful Christmas tree.

p-i-j-h-c-a 2 minutes One day only $1.50

CASE OF THE TREMENDOUS TRIFLE (OWI)

Importance of small parts in war presented in story form.

general 20 minutes $2.65

CASH IN ON CORN (NFA, Color)

Field photographs and cartoon illustrations are used to show how to increase the corn yield to at least 100 bushels per acre. A section of the benefits to the soil that accrue features various agricultural specialists.

c-a 18 minutes $1.50

CASTAWAY MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

CASTLES IN SWITZERLAND (IFB)

Shows the origin, structure and history of Chillon, Lausanne and other castles.

h-c-a 20 minutes $2.65

CASUALTY INSURANCE (CU)

A vivid survey of the daily hazards covered by casualty insurance, including a story of one policyholder's auto crash and trial and how it involved the services of the insurance company. Research and engineering by insurance companies to prevent future accidents. Reviews a number of career opportunities in this field.

h-c-a 20 minutes $2.65

CATALYSIS (EB)

Provides explanations of several phenomena associated with catalysis, among them, concentration by absorption, activation by absorption, intermediate compounds in a homogeneous mixture, chain reactions, breaking of reaction chains, poisoning of catalysts, and negative catalysts or inhibitors. The practical examples used as a basis for some of the explanations are rubber and anti-knock gasoline.

j-h-c 11 minutes $1.50

CATCHING FUNDAMENTALS (C)

Here's big leaguer Mike Tresh to demonstrate good catching. He shows such fundamentals as how to crouch and signal, how to throw the ball, how to catch the pitch, field fouls, back up first base, etc. He demonstrates the skill and strategy that can make a catcher the team's most valuable player. (See BATTING FUNDAMENTALS)

j-h-c 11 minutes $1.85

CATCHING IN BASEBALL (EB)

Provides for vitalized instruction in one of the most important phases of the great American sport. Professional baseball players perform the demonstrations; and slow-motion, stop-motion, and close-up photography clarify maneuvers too rapid or too distant for study in normal action. Techniques for three types of catches are analyzed: catching the thrown ball, catching the high-batted ball, and catching the ground ball.

i-j-h-c 11 minutes $1.50

CATHODE RAY OSCILLOSCOPE, THE (CAA)

Explains the purpose of the cathode ray oscilloscope; examines the general principles of operation; demonstrates various operating checks.

h-c-a 23 minutes Handling charge, $1.00

CATHODE RAY TUBE — HOW IT WORKS (UW)

Demonstrates the construction and function of each part of the cathode-ray tube and how it produces visual images on a screen.

h-c-a 15 minutes $2.65

CATTLE AND THE CORN BELT — MIDWEST, U.S.A. (UW)

In this film, we learn how the people who live and work on the vast areas of level land which constitute our midwestern plains produce large quantities of food for the peoples of the world and feed for livestock. In the western part, where the rainfall is lighter and less dependable, the grasslands are used for grazing livestock which are later shipped eastward to the moister section of the Central States commonly referred to as the Corn Belt. Here a mixed type of agriculture is dominant. Cattle and hogs are fattened for market on the corn and other crops raised on the farm. As a result of these agricultural activities, the Central States have millions of people and many large cities.

j-h-c 22 minutes $2.65

CATTLE COUNTRY (UPRR, Color)

An animated film designed to furnish an up-to-date summary on the science of beef production.

h-c-a 25 minutes $1.00

CATTLE COUNTRY (YA)

Deals with modern cattle ranching in Western Canada. Applicable in all important respects to cattle industry of the United States.

i-j-h 10 minutes $1.85

CATTLE DRIVE (EB, Color)

Here is an account of a cattle drive in the Southwest, portraying the movement of cattle from the range to the shipping point. The cattle drive is an important aspect of cattle raising and of similar importance in providing us with food. The cowboy at

Music and the Dance

- MUSIC IN AMERICA
- INSTRUMENTS OF THE ORCHESTRA
- CHILDREN'S CONCERT
- SADLER'S WELLS BALLERINA
- BARBER OF SEVILLE
- LUCIA DI LAMMERMOOR
- SELECTED SONGS OF STEPHEN FOSTER
- WILLIAM TELL
- MODERN DANCE

work and at rest becomes part of the great saga of Western cattle in the film.

p-i 11 minutes $2.70

CATTLEMAN, THE (EB)

Life on a cattle ranch in a typical setting is shown by this production. The activities of the family and its hired helpers are portrayed in realistic detail. Mealtime, repairing fences, herding cattle, marketing experiences, shoeing and breaking horses, rounding up, dipping and shipping cattle are among the colorful scenes presented. Cowboy songs sung around the campfire during the roundup provide a rich atmospheric setting.

i-j 11 minutes $1.50

CAUGHT MAPPING (JH)

Shows how maps are made and how to keep a road map up to date.

i-j 10 minutes $1.85

CAUSE FOR ALARM (NSC)

Gives a step-by-step description of what to do in case of fire; explains the difference between class A, class B and class C fires; pictures the most common type of fire extinguishers, telling how to use each and what type of extinguisher to use for each type of fire.

c-a 11 minutes $1.85

CAUSES AND IMMEDIATE EFFECTS OF THE FIRST WORLD WAR, THE (IG)

In a completely unbiased manner the film tells the story of the first world war, starting in 1879 with Bismarck's formation of the Triple Alliance, and continuing through the Treaties of Versailles, St. Germaine, Neuilly, Trianon, and Lausanne. The subject is of particular interest and significance in these times of international stress and strain.

h-c 20 minutes $3.25

CAUTION, DANGER AHEAD (McGH)

Traces the development of our road system and points out the need for highway program to build more and better roads all over the nation.

j-h-c-a 18 minutes $2.65

CAVALCADE OF AMERICAN PRESIDENTS (OF)

Significant events during the term of office of American presidents from William McKinley to Franklin D. Roosevelt.

j-h-c-a 11 minutes $2.65

CAVALIER MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

CECROPIA MOTH (DFP, Color)

Traces the life history of this insect.

p 11 minutes $2.70

CEILING UNLIMITED (CAA)

Depicts the historical growth of aviation, and in the light of the growth of other modes of transportation anticipates that the number of planes will reach 500,000 by 1950. Film attempts to awaken communities to prepare for this anticipated growth by constructing airports and other necessary facilities. Also, shows how communities may decide whether or not to participate in the Federal Airport Plan.

j-h-c-a 30 minutes Handling charge, $1.00

CELESTIAL NAVIGATION — CHART (USN)

Pictures, maps, diagrams, and a sound commentary are used in this film to explain Mercator charts, gnomonic projections, and Lambert conformal projections. It is a highly technical treatment.

h-c 20 minutes $2.00

CELESTIAL NAVIGATION — THE EARTH (USN)

Explains in a non-technical way the positions and significance of the lines of latitude and longitude on the earth.

j-h-c 16 minutes $1.50

CELESTIAL NAVIGATION: INTERPRETATIONS OF BEARINGS, LINES OF POSITION AND FIXES (USAF)

Defines bearing, line of position, circle of equal altitude, fix and intercept, plotting of assumed position and intercept.

c 19 minutes $2.65

CELESTIAL NAVIGATION — INTRODUCTION AND LOCATION OF CELESTIAL POINTS (CAA)

Deals with the basic principles of the location of points on the celestial sphere. Presents various uses of celestial navigation. Diagrams are used to explain the relationship between the earth and the celestial sphere, and to define zenith, nadir, sidereal hour angle, local hour angle, and bubble horizon.

h-c 18 minutes Handling charge, $1.00

CELESTIAL NAVIGATION — LATITUDE BY POLARIS (USAF)

Shows relationship between latitude and elevated pole, position and diurnal path of Polaris and reduction of elevated pole.

c 11 minutes $1.50

CELESTIAL NAVIGATION — NAUTICAL ASTRONOMY (USN)

Animation is used to show how the celestial coordinates are placed in relation to the earth. Describes declination, zenith point, nadir line, and the June and September solstices.

c 22 minutes $2.40

CELESTIAL NAVIGATION — POSITION FINDING ON THE EARTH (USAF)

Discusses geographical position. Greenwich hour angle, local hour angle, relationship of hour angle to longitude, zenith distance and its relationship to altitude, circle of position, line of position, fix, relation of assumed to actual position, and intercept.

c 15 minutes $1.50

CELESTIAL NAVIGATION — POSITIONS ON THE CELESTIAL SPHERE (USAF)

Provides an introduction to celestial navigation, illustrates the relation between earth, solar system, and celestial sphere.

c 20 minutes $2.65

CELESTIAL NAVIGATION — SOLUTIONS OF ILLUSTRATIVE PROBLEMS (USAF)

Preflight computations and procedures in making a typical flight celestial navigation. Shows use of the sextant in shooting the stars, and plotting fixes by means of the H.O.-218, and the star altitude curve methods.

c 32 minutes $3.70

CELESTIAL NAVIGATION — TIME (USAF)

Explains various time elements in celestial navigation which are used in solving practical exercises.

c 11 minutes $1.85

CELL — STRUCTURAL UNIT OF LIFE, THE (C, B&W or Color)

Here, through microphotography, the living, simple cell is authentically presented. Students actually see the moving, living protoplasm in a leaf cell, see amoeba taking food, growing, dividing, becoming familiar with the functional differences in cell structure. This vivid film teaches the basic relationship of our own living bodies to other living organisms in the world.

i-j-h 10 minutes B&W $2.00, Color $3.50

CELL DIVISION — THE BASIS OF GROWTH IN ALL LIVING THINGS (UC)

The living cell suspended in liquid medium, is shown developing through a 21-hour division cycle.

h-c-a 11 minutes $2.00

CELLO CONCERT (SF)

Three selections by the American cellist, Leonard Rose: Haydn's Sonatina, Traumeri by Schuman, and an air by Bach.

h-c-a 11 minutes $1.85

CELLS AND FUNCTIONS (ATH)

Shows biological study of growth and behavior of cells and tissues through the technique of tissue culture. Depicts unusual scenes showing proliferation and growth of cardiac tissue, as well as connective tissue and nerve tissue. Excellent laboratory aid in the teaching of Biology.

j-h-c 14 minutes $3.00

CELLULOID COLLEGE (SF)

Ten lessons in basic movie-making techniques are given for the amateur. A dummy camera is employed to demonstrate the ABC's of camera technique including: panning, using the tripod, shot break-down, screen direction, matching action, newsreel procedure, build-up, composition, indoor lighting, and applied techniques.

h-c-a 30 minutes $3.70

CENTERING SMALL STOCK (UW)

Shows the tools used and the methods followed when locating the center of round, square, and rectangular pieces.

h-c-a 12 minutes $2.65

CENTRAL AMERICA (EB)

Authentic documentary material concerning the geography and climate of Central America and the story of its peoples and their present-day activities is presented in this film. An animation sequence orients Central America as the western part of the Caribbean Region, and sketches the political history from the time of Columbus to the present. Photographic sequences depict the types of people and economic activities of the region, including agriculture, manufacturing, commerce, and transportation. The economic interdependence of Central America with other parts of the world, including its imports and exports, is shown upon an animated map background.

j-h-c 11 minutes $1.50

CENTRALIZATION AND DECENTRALIZATION (EB)

Depicts the problems created by the gradual transfer of decision-making from local communities to centralized bodies operating at state and national levels. Points out that citizens today face the serious problem of preserving local freedom and initiative and at the same time centralizing control wherever necessary. Suggests the need for preserving a balance between local and central authority.

h-c-a 20 minutes $2.65

CENTRE, THE (BIS)

The Pioneer Health Centre at Peckham, England, was started before the war by private initiative and funds. It is designed and equipped as a club where the whole family can go to enjoy their leisure hours. Uniquely, the Centre is a study in social biology, for the directors and staff are biologists who study the patterns of family behavior and their results.

c-a 24 minutes $3.70

CEYLON (IFI, Color)

The island of Ceylon beautifully filmed in all its aspects modern and ancient. Indian jungle and modern cities stand side by side in this story of the exotic land off the continent of India.

j-h-c-a 11 minutes $2.70

CHAIN OF LIFE (PFC, Color)

Nature's method of making food chains which tie together all the living creatures in a community.

i-j-h-c-a 11 minutes $2.70

CHALKBOARD UTILIZATION (YA)

Shows how the teacher can add interest to the teaching situation with variety, surprise, and good timing in chalkboard use. Includes stick figures and various methods of transferring drawings to the chalkboard.

c-a 15 minutes $3.00

CHALLENGE (MOT)

Assigned to do a series of articles based on the report of the President's Committee on Civil Rights, a photographer-writer team interview religious, business, and labor leaders for their views, and observe civil rights programs in action in various parts of the country.

j-h-c-a 30 minutes $3.70

CHALLENGE IN NIGERIA (BIS)

Produced by J. Arthur Rank, this is a clear, concise and objective picture of the problems which are inherent in Nigeria. Both Briton and African want Nigeria to become an independent nation within the British Commonwealth. Many obstacles are in the way, however — disunity, poverty, die-hard tradition, ignorance, differences of language and racial and religious background. The challenge of these problems must be overcome before Nigeria can take its place in the commonwealth.

c-a 20 minutes $3.50

CHALLENGE OF AFRICA, THE (BFC)

The story of how native Christians are waging a battle for the survival of Christian ideals in African cities in the face of sinister communist infiltration. Made to stimulate studies of the African mission field.

h-c-a 30 minutes $3.70

CHALLENGE: SCIENCE AGAINST CANCER (NFBC)

Provides information about the progress that has been made in cancer research. Has as a secondary purpose the recruitment of high school and college students into scientific work.

h-c-a 33 minutes $3.00

CHAMPION, THE (OF)

Pensive Charlie Chaplin challenges the champ in a heavyweight fun fest.

general 10 minutes $1.85

CHAMPION AIR HOPPERS (TFC, Restricted to Classroom Use)

Glider champions demonstrate their skill. We see how the light, graceful gliders are launched, how the pilots seek thermals that will carry them upward, and how the ships are dismantled and carried back to the field after landing.

general 9 minutes $1.85

CHAMPIONSHIP BASKETBALL (OF)

Most teams are familiar with the ordinary principles of basketball, but here the more precise defensive and offensive methods of play are described under the expert supervision of Nat Holman. Nat Holman explains the advantages and the disadvantages of both the man-to-man and the zone types of defense, and how a team might be lured from their defending positions. He also shows how a team might combine the two types of defense; thereby providing the best possible defense. Various methods of returning the ball after a goal has been scored are also demonstrated.

j-h-c 10 minutes $1.85

CHAMPIONSHIP FORM (SF)

The film takes several phases of Olympic competition and compares them so far as body movement and form are concerned. It shows that perfect body coordination and grace of movement are essential to championship athletic standards. Great Olympic stars are shown in action.

10 minutes $1.85

CHAMPIONS WRITE (BEF)

Eight of the country's best shorthand writers are shown. Film not intended for beginners but could be used to motivate students in the study of Gregg shorthand.

h-c 15 minutes $3.25

CHANCE TO LIVE, A (McGH)

Story of an Italian boy, left to wander alone and unwanted in the aftermath of World War II, who is given "a chance to live" by the American-supported Boys' Republic at Santa Marinella, near Rome. Traces the boy's difficult adjustment to a life of decency, his desperate struggle for friendship and recognition, and his eventual triumph as he learns a trade and makes good with the other boys.

j-h-c-a 19 minutes $2.65

CHANDELLES (CAA)

Demonstrates the proper method for executing a chandelle.

c-a 7 minutes Handling charge, $1.00

CHANGING COTTON BELT — SOUTHEAST, U.S.A. (UW)

This film lesson shows that the Southeastern United States is an area with many natural resources. We learn that the possibilities for agricultural and industrial production are tremendous. However, much land has been destroyed through wasteful farming practices. Through the untiring efforts of the County Agents, the education of the younger generation of farmers, and adherence to the tenets of the Conservation Policy, the people of the Southeast are shown rebuilding the land. The introduction and growth of new industries is also seen to be producing a new era of development for this area.

j-h-c 22 minutes $2.65

CHANTS POPULAIRES #1 (WG)

The French-Canadian folk songs in this film are sung by the Alouette Quartet in French and are combined with animated cartoons. The compositions played are "En roulant ma boule" and "A la claire fontaine."

h-c 9 minutes $1.85

CHANTS POPULAIRES #2 (WG)

The French-Canadian folk songs in this film are sung by the Alouette Quartet in French and are combined with animated cartoons. The compositions are "Envoyons d' l'avant nos gens" and "Aupres de ma blonde."

h-c 9 minutes $1.85

CHARACTERISTICS OF GASES (EP)

Shows some of the characteristics of gasses as exemplified in atmosphere.

j-h-c 9 minutes $1.85

CHARACTERISTICS OF LIQUIDS (EP)

Studies the properties of liquids and the forms they assume.

j-h-a 9 minutes $1.85

CHARACTERISTICS OF SOLIDS (EP)

Explores the characteristics of matter.

i-j-h 9 minutes $1.85

CHARGE THAT TO MY ACCOUNT (COB)

Presents an illustrated sermon by Dr. Harry A. Ironside on the Epistle to Philemon in the New Testament. Scenes of Onesimus visiting the Apostle Paul in prison, and his return to his master, Philemon, with Paul's letter, are acted out and synchronized to Dr. Ironside's words.

j-h-c-a 20 minutes $2.65

CHARGING AND OPERATING A CUPOLA (UW)

Identifies and explains the purpose of the essential parts of the Cupola; outlines the important steps and precautions to be followed in firing, charging, and operating a Cupola; and explains the cycle of operations involved in the melting process.

h-c-a 14 minutes $2.65

CHARGING BULL, THE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

CHARGING THE MODERN WAY (ME, Color)

A description of charging a Cupola by a mechanical means. Shows the actual route of raw materials from stock pile to a point where it is discharged to the Cupola and the metal tapped out of the Cupola spout.

h-c-a 15 minutes $3.00

CHARLES DICKENS: BACKGROUND FOR HIS WORKS (C)

Filmed in the England which Charles Dickens described so well, it offers information, clues to interpretation, and a rich sense of the significance and range of the writings, as well as stimulating a genuine interest in reading the works of Dickens.

j-h-c 11 minutes $1.50

CHARLEY MARTIN — AMERICAN (TFC, Restricted to Classroom Use)

The story of Charley Martin, American, whose son, Benny, died a winner of the Congressional Medal of Honor, makes a small California Town aware of the meaning of dignity and democracy.

j-h-c-a 22 minutes $2.65

CHECKING THE ELECTRICAL SYSTEM (UW)

How to check and service an overheated motor in a domestic refrigerator; how to check and service a stalled capacitor or R.I. Motor; how the thermostatic motor control functions; how to check and service motor control disorders; and how the elements of range and differential adjustments operate.

h-c-a 17 minutes $3.00

CHEESE AND CHEESE MAKING (Kruse, Color)

The process of cheese making is traced from beginning to end in this color film. The methods of making American, Cheddar, Italian, and Swiss cheeses are shown from the heating of the milk to removal from the smoking and aging rooms.

i-j-h-a 11 minutes $2.70

CHEMICAL REACTIONS (EP)

A detailed exposition of the composition of an atom and the relationship between nucleus and electrons as exemplified in the 92 elements assembled in the eight groups of the periodic table.

j-h 18 minutes $3.00

CHEMISTRY IN A CHANGING WORLD (EB)

Directs attention to the significant role which chemistry plays in our modern world. Traces the steps leading up to the production of electric furnace phosphorus. Portrayals of the work of research chemists and chemical engineers from the inception of the idea to the multiple uses of the completed product provide stimulating vocational information.

j-h-c 10 minutes $1.50

CHESAPEAKE BAY RETRIEVERS (TFC, Restricted to Classroom Use)

America's only contribution to the family of sporting dogs is the Chesapeake Bay Retriever. About 100 years ago two Newfoundland puppies were washed ashore from a shipwreck. These two puppies, crossed with native dogs, were the original ancestors of today's Chesapeake Bay Retrievers. We see championship dogs in action, retrieving in water and on land.

general 10 minutes $1.85

CHICAGO (INF, Color)

The historical, industrial, geographical and scenic highlights of the city.

j-h-c-a 11 minutes $2.70

CHICAGO HISTORICAL SOCIETY (IFB)

Exhibits intimately connected with Christopher Columbus, George Washington, and Abraham Lincoln; replica of Paul Revere's home in Boston as a setting for treasures associated with his family and time; replica of Lincoln's log cabin birthplace and the room where he died; materials relating to the development of the Middle West and the accompanying difficulties with the Indians.

j-h-c-a 10 minutes $1.85

CHICAGO MARKET REPORT

A film series which presents the sales made at the Chicago Stock Yards each month. Points out the good and bad points of cattle and hogs, and the prices paid for them. List of monthly editions and their contents will be furnished on request.

h-c-a 10 minutes (each) Postage

CHICAGO NATURAL HISTORY MUSEUM (AFR)

A record of an excursion through the Field Museum of Chicago.

j-h-c-a 20 minutes $2.65

CHILD AND HIS THUMB, THE (FPI)

Summarizes years of research on the problem of thumbsucking. Integrates the orthodontic, pediatric, and psychological viewpoint toward the problem. Through the use of case histories, points up the implications of thumbsucking. Demonstrates the methods used to aid children.

c-a 18 minutes $3.00

CHILD AT PLAY, THE (NYU)

The picture opens with a group of adults seating themselves in the observation section of a one-way vision room. The therapist is arranging toys in the special playroom. The first sequence, presents Judy, a three-year-old, as she plays with different toys and chats with the unseen therapist. In the second sequence, she is shown in the playroom with a group of other children of various ages; all the children are strangers to each other except two brothers. Here her activity and responses are quite different. In the third sequence, she is in the playroom with a little friend. The children who appear in the film are selected at random. They were not aware of the photographer. The therapist made no effort to direct or restrain their activities.

c-a 20 minutes $3.00

CHILD DEVELOPMENT: CHILD CARE AND DEVELOPMENT (McGH)

Considers the daily physical care that ensures a happy, healthy child. Correct attitudes and procedures toward establishing good habits of eating, sleeping and bathing are covered. Discusses the elements of good diet, proper clothing and outdoor exercise for the young child.

c-a 17 minutes $2.25

CHILD DEVELOPMENT: CHILDREN'S EMOTIONS (McGH)

Discusses through short dramatic illustrations the development and guidance of children's emotions at various age levels up to ten years. The commentator explains that the very young child's emotions, while intense, are changeable and harmless because they are completely expressed. Emotions treated in detail are curiosity, common annoyances of babyhood and childhood, jealousy and happiness.

c-a 22 minutes $2.65

OTHELLO

A skillfully developed version of the famous play by Shakespeare.

44 MINUTES RUNNING TIME **$5.00 PER WEEK**

CHILD DEVELOPMENT: HEREDITY AND PRE-NATAL DEVELOPMENT (McGH)

Picturization of growth, subdivision and eventual union of male and female sex cells. Explanation of chromosomes and genes in determining sex and in transmitting physical and mental characteristics. Describes the fertilization of the ovum by the sperm cell and traces the development of the fetus until delivery. Close connection between physical and emotional sensitivity in very young children is shown.

c-a 21 minutes $2.65

CHILD DEVELOPMENT: PRINCIPLES OF DEVELOPMENT (McGH)

Outlines the fundamentals of growth and change from early infancy and develops basic principles. After defining the principles of development, the film considers the variables which make each child different from every other one: intelligence, sex, glandular activity, race, health, etc. All these factors must be brought into balance for the fullest development of his personality.

c-a 17 minutes $2.25

CHILD DEVELOPMENT: SOCIAL DEVELOPMENT (McGH)

Analysis of social behavior at different age levels and the reasons underlying the changes in behavior patterns as the child develops. Points out development from the stage where the sexes and ages mix indiscriminately to the point where children begin to pick members of their own sex as playmates, to seek out the natural leader for their groups. Stresses the point that while the child must meet and solve each problem as he reaches that level of development, wise guidance can make the adjustment easier and smoother.

c-a 16 minutes $2.25

CHILD GROWS UP, THE (KB)

Shows the activities of the normal child from one to six, emphasizing habit training, proper play and equipment for developing mind and body, nursery school, food and physical examinations.

h-c-a 12 minutes $1.85

CHILD WELFARE IN SWEDEN (NA)

Tells of the medical care and financial aid available before and after the birth of a child, and of special housing arrangements. The lot of the working mother is greatly lightened by careful government supervision of both the mother and her children. Shows some of the Swedish cooperative nursery schools and summer camps.

h-c-a 11 minutes $1.85

CHILD WENT FORTH, A (BRF)

Depicts the experiences of children, ages two to seven, at a summer camp where they are allowed freely to explore their new environment, make their own social adjustments, and guided in a program designed to encourage physical health, mental alertness, and the courage to attack new problems. Points out the principles of progressive education.

i-j-h-c-a 20 minutes $3.00

CHILDREN, THE (NHP)

Offers the theory that since no two individuals are alike all children should be offered whatever they need to fully develop their potentialities by the school system. The school should compensate those who come from poor environment and supplement those who come from good.

h-c-a 10 minutes $2.00

CHILDREN, THE (UNFB)

Describes the "attack" of the UN International Children's Emergency Fund of the World. Shows food production, health programs, and educational activities carried out in many areas.

j-h-c-a 11 minutes $1.85

CHILDREN ARE CREATIVE (BFS, Color)

Contrasts old and new methods of teaching art. Reveals a classroom scene in which an instructor encourages observation of a mother hen and her chicks. Children assemble media of their own choice and work creatively with a minimum of direction from the teacher.

c-a 11 minutes $2.70

CHILDREN IN SEARCH OF GOD (H)

Three small children, desiring God's help for their ailing mother, learn that His love is expressed through the love that is in their own home.

i-j 15 minutes $2.65

CHILDREN IN TROUBLE (NYSYC)

No child is born a delinquent, and none needs become one. The film shows, though a child's outside environment is important, his life at home really determines the course he is to follow. In every city, the problem of juvenile delinquency arises, and it is the duty of communities to sponsor programs for a realistic approach to the problem. The main influences in the life of children are the home, the church, community recreation, the police, and the school. In the film, it is seen how all five are used to combat juvenile delinquency.

general 10 minutes $2.00

CHILDREN LEARNING BY EXPERIENCE (UW)

Develops the themes that (1) all children want to learn, (2) they enjoy practicing simple skills, (3) they strive ever to understand the world around them, (4) they learn some things at second hand, (5) and a great many things by play and imagination.

h-c-a 45 minutes $6.00

CHILDREN MUST LEARN (NYU)

Depicts a farm family in the rural south, inadequately housed and clothed, living on land that is poor, and existing on a diet of pork, pork sausage, and pork gravy. The one-room school which the children attend is crude and meagerly furnished. The books used do not relate to the needs of the community. But the school is preparing to change its program of study so that the children can learn some of the facts of soil and food which they so badly need to know.

h-c-a 15 minutes $3.25

CHILDREN OF CHINA (EB)

Reproduces episodes from the home, school and play life of children in a representative village deep in the interior of China. Different types of family relationships are observed. School training in loyalty to parents, together with home and community customs, reflect the influence of Chinese tradition on contemporary life. Recreational activities are shown, and Chinese dialog is reproduced and interpreted in several sequences.

p-i-j-h-c 11 minutes $1.50

CHILDREN OF HOLLAND (EB)

Scenes in the film include home and school life, and a horse and cart trip to a typical Dutch town provide captivating glimpses of rural and urban Holland. Handicraft, hobby and recreational activities, and interpreted native conversations are included.

p-i-j 11 minutes $1.50

CHILDREN OF JAPAN (EB)

The film presents events in the daily life of a middle-class Japanese family. Their home surroundings, living and sleeping quarters, furnishings, dress, customs, and manners are depicted along with school and play experiences of the children and routine tasks of the parents. Following a visit to a nearby shrine, the family is studied at their evening meal and making preparations for bed. Conversations are reproduced throughout.

i-j-h-c 11 minutes $1.50

CHILDREN OF RUSSIA (IFB)

Russian children are seen as they go to school, garden, play, parade, visit museums and art galleries, and live in the summer pioneer camps. Filmed between the years 1930 and 1937, the pictures do not emphasize war or political philosophy.

p-i-j-h-c-a 13 minutes $2.65

CHILDREN OF SWITZERLAND (EB)

A railway train makes a long steep climb to a village in the Swiss Alps. On the village street we find Trudi and her brother Hans. With Trudi and Hans we enter a village woodcarver's shop and see carvings of cattle and examine clocks of all shapes and sizes. The brother and sister make preparations for a trip far up the mountain side. On the trip up they pass the family vegetable garden and along the path lined with flowers which leads to the summer pasture. As they rest before the last climb they view the snow-covered Alps.

p-i-j 11 minutes $1.50

CHILDREN OF THE ALPS (EB)

Portrays the life of a Swiss boy and girl whose family gain a frugal living in their mountain land. Cutting timber, carrying out household tasks, going to school, woodworking, sleigh rides and ice hockey, skiing and other athletic pursuits are shown. Accompanied by musical score composed by Walter Baumgartner.

i-j 11 minutes $2.25

CHILDREN OF THE CITY (BIS)

The film was made in Scotland primarily for use in Britain, and sets out to indicate, in human terms, the

British approach and the working of the juvenile courts by following through with the story of three youths who presented a problem for juvenile court action.

j-h-c 30 minutes $3.70

CHILDREN ON TRIAL (IFB)

Tells the story of two boys and a girl, constant offenders, who are sent to approved schools to combat juvenile delinquency. Resentful and un-cooperative at first, they finally realize that they are being given a fresh start in life, and decide to take advantage of the opportunities offered them.

c-a 62 minutes $6.00

CHILDREN'S CHARTER (BIS)

The Education Act of 1944 gives every English child the right of free education up to and including high school standards and the opportunity for further training if desired. New schools are being established everywhere to fill these requirements — technical schools, agricultural schools, and young people's colleges which cater to those up to eighteen who have already taken jobs.

general 17 minutes $2.65

CHILDREN'S CONCERT (EB)

A series of concerts for children, with explanation by Eugene Kash. Introduces the percussion, woodwind, string and brass instruments, with explanation of the elements of music. In the final scenes the children tell the story of Persephone in a dance which they themselves have created. Please note that this is a forum edition of the three parts described below.

p 42 minutes $5.00

CHILDREN'S CONCERT I: RHYTHM AND PERCUSSION (EB)

Explains the fundamentals of rhythm and demonstrates the percussion instruments. An old Indian tom-tom is compared with modern drums, and a children's rhythm band performs under the direction of a diminutive leader.

p 11 minutes $1.85

CHILDREN'S CONCERT II: WOODWINDS AND BRASS (EB)

Introduces the woodwind and brass instruments as musicians play each type. Beginning with a willow whistle, explains that modern wind instruments are just more complex versions of this simple pipe. Ends with a close-up view of the instruments as they are played.

p 11 minutes $1.85

CHILDREN'S CONCERT III: STRING INSTRUMENTS (EB)

Points on musical form are illustrated and the strong instruments introduced. When the violin, cello and viola have been presented separately, they join in a fugue. Closing scenes show a troop performing a dance built around the legend of Persephone.

p 11 minutes $1.85

CHILDREN'S EMOTIONS

See

CHILD DEVELOPMENT: CHILDREN'S EMOTIONS

CHILDREN'S VILLAGE (McGH)

Shows the operation of this center at Dobbs Ferry, N.Y., for delinquent boys.

h-c-a 19 minutes $2.65

CHILD'S WORLD, A (EDU, Color)

Points out the importance of nursery school to preschool children; documents the functions, limitations, and purposes of the Buckley Schools of Los Angeles. Shows the training to produce self-control, orderliness, obedience, and a capacity for cooperation with an emphasis on sound academic training.

c-a 19 minutes $4.25

CHILE (EB)

Calls attention to varied aspects of the Chilean scene — mountains, deserts, glaciers, mines, ports, and pastoral areas — before proceeding to an estate in the agricultural Central Valley. Here the role of the estate is seen in relation to the visiting owner and his family, the farming population, and the Chilean agriculture generally. On the family's return to Santiago, varied aspects of Chile's capital city are featured — especially its role as an educational center. Spanish dialog is extensively employed throughout.

i-j-h-c 11 minutes $1.50

CHILEAN HACIENDA (HFE)

Describes in detail the hacienda system under which Chile, basically an agricultural nation, administers much of her farm land. It shows the living and working conditions of both the owners and the worker, the principal products raised and the manner of harvesting.

j-h-c 11 minutes $1.85

CHILEAN NITRATE (HFE)

An accurate record of today's natural nitrate industry, starting with the discovery of the world's only known natural nitrate beds, going on to describe the use of nitrate today in fertilizer and explosives, and explaining in detail the modern method of mining and refining nitrate. It shows the effect nitrate had in giving Chile its financial start toward becoming one of South America's leaders.

j-h-c 11 minutes $1.85

CHILE'S COPPER (HFE)

Begins by explaining copper's extensive use by man today, and is valuable for its simple and clear explanations of the mining and refining processes. It describes in detail the lives of the workmen and their families who live in Chuquicamata, a city built solely for the purpose of mining and refining copper.

j-h-c 11 minutes $1.85

CHIMP'S VACATION (UW)

The Chimp goes to Florida for health and fun and gets plenty of both in a mischief-filled movie. He makes merry with cocoanuts, a bicycle, a turtle and a little girl. The story ends in a riot of fun, with a cloud of feathers and a vacuum cleaner.

p-i 11 minutes $1.85

CHINA (MOT)

Shows China's old way of life, little changed since medieval times; the beginnings of democracy and westernization under Dr. Sun Yat-sen; the long years of bitter struggle against Japanese aggression and tyranny; and then, China immediately after WW II.

j-h-c-a 18 minutes $2.65

CHINA CLAY (BIS)

Britain's second largest export of raw material is china clay, and two-thirds of the total yield is sent to the United States. All Britain's china clay is to be found in the southwest and the film shows how it is obtained from the Trevisco pit in Cornwall. Sand is an important by-product of the clay and is put to good use in the manufacture of a new mass-produced house.

general 11 minutes $1.85

CHINA CRISIS (OWI)

Trials and successes of the 14th Air Force (Flying Tigers) in sustaining themselves inside China.

general 40 minutes $4.45

CHINA LIFE-LINE (McGH)

Shows the amazing and ingeniously planned methods of transportation adopted by American Army engineers to maintain a life-line of oil supplies to Army fronts in China and Burma during the war.

h-c-a 16 minutes $2.65

CHINA'S PEOPLE (GFL, Color)

Shows the activities of a woman missionary in china who gives aid to the homeless children in rural suburban areas, slums and floating cities of sampans. Scriptural passages throughout the narrative accent the demand for support of the missionary program.

j-h-c-a 20 minutes $4.25

CHINESE BRONZE OF ANCIENT TIMES (ATH, Color)

Shows Chinese bronze religious ceremonial vessels developed centuries before the Christian era.

j-h-c-a 17 minutes $4.25

CHINESE PAINTING THROUGH THE AGES (ATH, Color)

Shows Chinese painting as merged with calligraphy and poetry and attempts to show how the Chinese painters evolved their theory and practice, and what Chinese painting has to offer world art.

j-h-c-a 20 minutes $4.25

CHINESE PEASANT GOES TO MARKET (GA)

Represents a peasant-farmer of Yunan province as China's millions. His only respite is the weekly village market where is assembled all the produce, handicrafts, livestock and people of the area.

j-h 10 minutes $1.85

CHIPMUNK AND HIS BIRD FRIENDS (BFS)

Shows chipmunks and squirrel storing winter supply of acorns underground while birds search for insects. The birds discover a bird food pantry provided by the children and many different varieties of birds come to eat.

p-i 10 minutes $1.85

CHOICE IS YOURS, THE (WCTU)

Features Dr. A. C. Ivy, University of Illinois, and young people questioning science teacher about alcohol.

h-c-a 24 minutes $3.70

CHOOSE TO LIVE (USDA)

The film opens with a warning by Dr. Parran, Surgeon General of the United States, that cancer has been on the increase and is now second among the causes of death. Then follows the story of one woman's encounter with cancer. "Choose to Live" was produced by the American Society for the Control of Cancer and the United States Public Health Service for lay audiences. Actors in the film are professionals, musical background is by the NBC Symphony Orchestra, all laboratory and hospital scenes were shot under expert medical supervision. This film is for general educational use for information about cancer.

h-c-a 18 minutes $2.65

CHOOSING BOOKS TO READ (C)

The story of books — books to provide a fund of knowledge — books whose pages provoke tears or laughter — the great books of man's ideas and hopes, and the technical volumes filled with charts and diagrams — each with a message awaiting the reader.

j-h 11 minutes $1.85

CHOOSING CLOTHES FOR HEALTH (C)

Designed to help children choose the right clothes for different kinds of weather, this film demonstrates how clothing needs vary with climate, weather, and activities.

p-i 10 minutes $1.50

CHOOSING FOR HAPPINESS

See

MARRIAGE FOR MODERNS: CHOOSING FOR HAPPINESS

CHOOSING YOUR MARRIAGE PARTNER (C)

The story of a young man who is trying to decide which of two girls to marry. He is advised to consider such factors as emotional maturity, family background, philosophy of life, and harmony of personalities before choosing his marriage partner.

h-c-a 13 minutes $2.25

CHOOSING YOUR OCCUPATION (C)

Self-appraisal, occupational possibilities, preparation requirements, and guidance facilities are a few of the ideas perfectly integrated here for the benefit of vocational guidance classes and conferences.

j-h-c 10 minutes $1.50

CHOP THE CROP (CASE, Color)

Shows ways to convert forage into better feed at lower cost. Demonstrates two types of silos: horizontal and vertical, how they are filled, sealed, and used to feed cattle. Stresses efficiency in chopping and feeding methods.

h-c-a 20 minutes $1.00

CHORDS AND TANGENTS OF CIRCLES (KB)

Deals with the theorem on a perpendicular to a chord within the circle. Summarizes types of tangents in detail.

h-c 11 minutes $1.50

CHRISTIAN DIOR STORY (AFF)

A visit to the salon and workrooms of Christian Dior, the designer of women's dresses who was responsible for the "new look." The film portrays him at work as a creative artist and shows the subsequent operations of those who assist in carrying out his ideas. A Dior premiere, to which usually only important fashion buyers are invited, is also included.

h-c-a 22 minutes $2.65

CHRISTMAS CAROL
(TFC, Restricted to Classroom Use)

Abridged version of the feature film based on Dickens' story.

i-j-h 40 minutes $4.45
(one day only)

CHRISTMAS CAROL, A (BEF)

Graphically portrays the Charles Dickens' masterpiece. It includes one hundred illustrations and is intended to supplement the study of this classic work.

p-i $2.50

CHRISTMAS CAROL, A (Modern Sound Pictures, Inc.)

Depicts parts of Charles Dickens' Christmas story of Scrooge.

p-i-j-h-c-a 10 minutes $2.50
(one day only)

CHRISTMAS CAROL, A (Scrooge) (UW)

One-reel version of Charles Dickens' classic.

i-j-h-c-a 10 minutes $2.50
(one day only)

CHRISTMAS CAROLS (SF)

The Bell Singers carol the favorite "O Come All Ye Faithful," "Joy to the World," "What Child Is This?" and "Silent Night," while animated drawings depict the familiar lines. In "Good King Wenceslaus" the animated figures enact the carol, King and Page setting out with flesh and wine for the poor peasant, while bells and birds take up the rhythm of the traditional "What Child Is This?"

p-i-j-h-a 11 minutes $2.50
(one day only)

CHRISTMAS CAROLS (UW)

The "First Noel," "Hark, the Herald Angels Sing" and "Adeste Fideles" are sung by a choir as the words appear on the screen.

general 11 minutes $2.50
(one day only)

CHRISTMAS CARTOON, A (EP)

Santa leaves toys which come to life.

p-i-j-h-a 10 minutes $2.50
(one day only)

CHRISTMAS DREAM, A (UW)

After a little girl casts her old doll aside for new ones, she dreams the doll comes to life and does tricks for her.

p-i-j-h-a 10 minutes $2.50
(one day only)

CHRISTMAS GIFT (EB, Color)

Jerry and Linda bring a wagon of used toys to the fire station for the firemen to repair for other boys and girls for Christmas. Linda forgets her new white fur mittens at the fire station and doesn't remember about them until she's at the school Christmas party. There she finds them on the tree for another child. Deciding to leave them there, she receives a white fur muff on Christmas morning.

p 6 minutes $1.60
(one day only)

CHRISTMAS IN SWEDEN (FON, B & W or Color)

Christmas in Sweden starts as early as December 13th on St. Lucia Day. We visit an average Swedish family and see how they celebrate Christmas. Other scenes show the preparation of special food, open-air Christmas market, Christmas songs, and a Christmas church service.

general 14 minutes B&W $3.50, Color $4.50 (one day only)

CHRISTMAS NIGHT (OF)

A cartoon of Soglow's "Little King." Santa Claus visits the palace on Christmas Eve, and Christmas morn finds a royal riot as the Little King makes merry with fire engines and airplanes.

p-i 10 minutes $2.00 (one day only)

CHRISTMAS RHAPSODY (UW)

A tender, simple story about a small, lonely evergreen tree, dwarfed into obscurity by its towering brothers. But a man and his two children see beauty in the small child of the forest and take it to their home where it is given a place of honor before the fireplace to stand as their Christmas tree. In the flickering light of the fire, the decorations appear to be shimmering snow flakes and slender icicles. The family sings Christmas carols for a beautiful Christmas Eve.

general 10 minutes $1.50 (one day only)

CHRISTMAS SLIPPERS (BRF)

Based on story by Nikolai Gogol with the orchestra and chorus of the Bolshoy Theatre with excerpts from Tschaikowsky's opera "Cherevichki." Story consists of blacksmith being told by lady she will marry him only if he brings her the most beautiful slippers in the world.

h-c-a 32 minutes $4.50

CHRISTMAS THROUGH THE AGES (EB, Color)

Here is the story of Christmas, blended from Biblical history, myths, legends and customs as old as the human race. A series of imaginative dramatic scenes trace the symbols of Christmas to their many sources and reflect the world-wide response to a holiday which celebrates peace on earth and good will.

j-h-c-a 13 minutes $8.00 (one day only)

CHRISTMAS TOYLAND (EP)

A spider has fun in a toyshop.

p-i-j-h-a 10 minutes $2.50 (one day only)

CHRISTMAS TOYSHOP (MSP)

Pictures a Christmas phantasy by use of animation and live actors.

p-i-j-h-c-a 10 minutes $2.50 (one day only)

CHUCKY LOU — STORY OF A WOODCHUCK (IU)

Photographed in natural settings, telling the story of a little woodchuck who is befriended by a kind woman. A special musical score enhances the simple story.

p-i-a 11 minutes $1.50

CHURCH VOCATIONS (VGF)

Points out the many and varied types of work in the modern church. The minister with his various responsibilities and duties is introduced. The home and foreign missionary work is presented, as is church secretarial and social service. Non-sectarian.

h-c-a 11 minutes $1.85

CHURCHES WORK TOGETHER (WCC)

Pictures the Central Committee of the World Council of Churches meeting in Toronto, Canada, in July, 1950, with churchmen from 21 countries in attendance.

h-c-a 15 minutes $2.65

CICADA, THE (DL)

The weird, siren-like love cry of the locust, which is called cicada, opens the film. An animated map of the United States indicates the locations of the nation's several cicada broods. Each brood appears and reappears only in its own locality. For 17 years the locusts live underground on root-sap of trees and shrubs. As the time for emergence approaches, they go nearer the earth's surface, where they dig little tubes and await the Great Day. The emerged insect is shown with its soft white body, which hardens gradually into a new black outer skeleton. The female bores holes in bark and twigs and deposits eggs. The eggs hatch and the young insect burrows into the ground for its 17-year wait. The film ends with a series of dates: 1953-1970-1987 — the years when the locusts will again emerge.

j-h-c 30 minutes $3.70

CINEMATOGRAPHER, THE (TFC, Restricted to Classroom Use)

Describes the importance of a director of photography to the quality of Hollywood motion pictures, and shows some of the factors to be considered in planning the desired effect on the screen. Excerpts from feature films provide examples of scenes lighted for suspense, romance, comedy, tragedy, action, struggle, and underwater photography.

general 10 minutes $1.85

CIRCLE, THE (KB)

Presents geometry of the circle and introduces various aspects of circle geometry such as radii, diameters, chords, tangents, secants, arcs, and central angles. Introduces theorems and proofs.

h-c 11 minutes $1.50

CIRCULATION (UW, Color)

Animated diagrams of the human body, complete with circulatory system are used to describe the systematic and pulmonary circulation of the blood. The structure and functions of heart, lungs, arteries, veins, and capillaries are described. Ends with the route of the blood through the body, the heart cycle, and the exchange of oxygen and carbon dioxide in the air sacs of the lungs and the cells of the body.

j-h-c-a 15 minutes $6.00

CIRCUS ANIMALS (A, Color)

Reveals in natural color, fascinating circus animals.

p-i 11 minutes $2.70

CIRCUS AT THE ZOO (UW)

The chimpanzees put on a bike-riding, horse-back riding, acrobatic show for the zoo visitors. It is funny and exciting entertainment.

general 10 minutes $1.85

CIRCUS DAY (AB, Color)

A complete story of the circus showing the arrival of the circus train unloading at the station — the journey to the lot—the teamwork of putting up the big top. People throng the midway and view the wonders of the side show.

p-i 20 minutes $4.00

CIRCUS DAY IN OUR TOWN (EB)

Describes the excitement and drama of circus day, depicting not only the highlights of the performance itself, but many of the preparations necessary for staging the big show. How the circus unloads, how the tent city grows, and how performers make up and dress for the show are faithfully filmed. Finally a ringside view of many exciting acts is provided.

p-i 20 minutes $2.25

CIRCUS PEOPLE (A, Color)

An interesting film depicting behind-the-scenes circus activity. Selection of scenes and narration are designed to develop proper attitudes of work and cooperation and offer stimulation for oral composition and foundation for reading readiness.

p-i 11 minutes $2.70

CIRCUS WAKES UP, A (SF)

Shown are early morning scenes of a circus coming to life and preparations for the big show. We see a pony getting a hair cut, elephants receiving their baths, jugglers and trapeze performers rehearsing, lions being fed, and clowns making up.

p-i 11 minutes $1.85

CITADELS OF THE MEDITERRANEAN (TFC, Restricted to Classroom Use)

Shown here are three citadels of the Mediterranean: Gibraltar, Moorish Alhambra, and Athens.

Panoramic views of the Rock of Gibraltar and a British Crown Colony shows us gigantic fortifications and the harbor. Then, street scenes.

Alhambra on the southeast coast of Spain, former palace and fortress of Moorish kings, is next. Close-ups of the arches show the intricate design of the masonry. A panorama of the courtyard and the Hall of Ambassadors, where Isabella pledged her jewels to pay for Columbus' voyage to America are brought to view.

Views of Athens, the Acropolis with the Parthenon and Temple of Olympian Zeus close the picture.

general 11 minutes $1.85

CITIES: WHY THEY GROW (C)

A city is many things to many people. This picture is concerned with the economic factors which give rise to the growth of cities. Departing from the usual statistics and the sociological problems which are a result of cities' growth, the film teaches by letting the viewer observe what the workers of the city do. The film develops the concept of "builders" and "fillers."

j-h-c 10 minutes $1.50

CITIZEN FIREMAN (MOT)

Reveals what happens when the fire siren blows in one small town. It's a story of a typical community's volunteer fire fighters — citizens from all occupations and walks of life who undergo training, and regularly risk their lives in a cooperative effort to save the lives and property of their neighbors. Pointing out that most fire departments in the United States are composed of volunteers, this film presents an example of democracy at work in America.

c-a 19 minutes $3.25

CITIZEN MAKES A DECISION (YA)

Around the dramatized story of how one citizen conducts a search for an intelligent decision on a vital problem confronting his community is revolved a powerful case study in Citizenship.

h-c-a 20 minutes $3.25

CITIZEN PARTICIPATES, A (YA)

Shows how a community organized to secure a doctor for its people, and how one citizen shouldered his responsibility for community participation. Excellent in showing individual's responsibility to community life.

j-h-c-a 25 minutes $3.70

CITY, THE (MMA)

An excellent documentary film of genuine sociological significance. Its emphasis is upon the undesir-

Mental Health

FEELING OF HOSTILITY
EMOTIONAL HEALTH
IMPROVING YOUR PERSONALITY
FEELING OF DEPENDENCE
FEELING OF REJECTION
OVERDEPENDENCY

able living conditions in crowded cities and upon the necessity for proper planning and zoning to remold our old cities and build new communities better suited to our needs.

The film is in five sections: the New England Village, the Industrial City — City of Smoke, the Metropolis — Men Into Steel, the Highway — the Endless City, and finally the Green City.

h-c 31 minutes $3.70

CITY FIRE FIGHTERS (C)

Designed for the elementary social studies and language arts, to show the importance of organized fire-fighting activities in a city.

p-i 11 minutes $1.50

CITY OF LITTLE MEN
(TFC, Restricted to Classroom Use)

A pictured account of the work of Father Flanagan of Boys Town.

A number of years ago, in Omaha, he dreamed of being able to help boys. He assumes responsibility for three homeless boys brought before a police judge. With $90.00 in funds, he rents a house, and soon has thirty boys in his care. A larger and better building is secured. Still without facilities for play, he determines on a place in the country, and so, twenty years ago, Boys Town came into existence.

The varied activities of the inhabitants of Boys Town are pictured. A bugle call, at the raising of the flag each morning, awakens them. Dairying, farming, shoe repairing and carpentering are some of the activities — of which each boy makes his own selection. The town is largely self-supporting, through the sale of surplus commodities.

general 11 minutes $1.85

CITY OF THE GOLDEN GATE
(TFC, Restricted to Classroom Use)

The "Bagdad of the West," San Francisco, is an exciting and colorful city. This film made prior to the building of the Golden Gate Bridge, shows the operation of the ferry which formerly took thousands of workers across the bay to their jobs and home again each morning and evening. The cable cars, Chinatown, and Fisherman's Wharf are all parts of this fascinating city.

general 10 minutes $1.85

CITY OF THE SICK (NMH)

Shows life in a mental hospital by telling the story of an attendant who learns how mental patients can be restored to useful living.

h-c-a 20 minutes $2.65

CITY OF WAX
(TFC, Restricted to Classroom Use)

The life of the honey bee, born in its natural home in a hollow tree, is shown building the comb, storing the honey, the queen laying eggs, the activities of each of the types of bees. A sequence deals with the metamorphosis of the bee from larva to young worker. Then there are the fights with robber bees, the feeding of the royal jelly to produce a new queen, the death of the old queen, the nuptial flight of the new, and the death of the drones. Close-ups are used throughout.

j-h-c 11 minutes $1.50

CITY OUT OF DARKNESS (ECA)

When the Soviet Union stripped the factories of Germany after World War II, the people of the western sector of Berlin became dependent on the power stations of the Soviet zone for their electricity. The Berliners worked day and night to construct their own power plant and now Power Station West supplies sufficient electricity for all the homes and all the industry of West Berlin.

j-h-c-a 9 minutes Handling charge, $1.00

CITY PETS, FUN AND RESPONSIBILITY
(C, Color)

Some of the pets commonly found in a city — dogs, cats, hamsters, white mice, parakeets, canaries, and goldfish — and the ways in which their owners care for them. Stresses that domesticated animals need special care and helps children to realize their responsibility toward their pets.

p 11 minutes $2.70

CITY THAT LIVES (HOP)

Shows paintings, sculpture and architectural masterpieces in Florence, especially the works of Michelangelo, Cellini, Rafael, and Brunleschi.

j-h-c-a 17 minutes $2.65

CITY WATER SUPPLY (EB)

Animated drawings are used extensively to describe the relation between rainfall and life; sources of city water supply — wells, rivers, lakes, and watersheds; water-borne diseases; and methods of water distribution. Other photography depicts water tunnels and aqueducts; the dependence of cities upon an adequate water supply; and the necessity of safeguarding its sources and distribution.

j-h-c 10 minutes $1.50

CITY WITHIN A CITY
(TFC, Restricted to Classroom Use)

A young couple arrive at Grand Central Station bent on seeing the sights of New York. They decide on Radio City and are taken on a complete tour of Rockefeller Center. Shots of all the buildings, views from the top of the RCA Building, the Hanging Gardens, inside NBC, Radio City Music Hall, etc., are included.

10 minutes $1.85

CIVIL WAR, THE (EB, Color)

Points out the important military events of the war between the North and the South, stressing social and geographical factors which brought victory to the North. Animated drawings and color photography portray the terrain and battlefields over which the war was fought.

j-h-c 14 minutes $3.85

CLARK SHAUGHNESSY "T", THE (AVF)

A demonstration of the T formation by members of the 1941 unbeaten and untied Stanford team. Frankie Albert and company show off the intricacies of the "T."

h-c-a 30 minutes $3.70

CLASS FOR TOMMY, A (BFS)

Depicts the establishment of an experimental training class for mentally retarded children.

c-a 21 minutes $3.00

CLASSROOM QUIZ NO. 1 (AAR, Color)

General information about railroading is presented in an easily understood manner, and then a quiz is given over the material.

p-i 11 minutes Handling charge, $1.00

CLASSROOM QUIZ NO. 2 (AAR, Color)

Second in the series of Railroad quizzes. Again practical information is presented and then a quiz session held.

p-i 11 minutes Handling charge, $1.00

CLAW HAMMER AND NAIL SET (TOM)

Explaining that there are both round and straight claw hammers, the film proceeds by naming hammer parts and explaining their functions. A working carpenter is studied in slow motion and his high degree of coordination noted. The film deals also with the nail set, and how and when this tool is used.

i-j-h 11 minutes $2.00

CLAY IN ACTION (EB)

A simple, straightforward, and effective film on sculpturing a portrait in clay as demonstrated by Arturo B. Fallico, of Chicago Teachers College. Begins with the first application of clay to the armature and follows carefully through to the finished work. Emphasizes such essentials as basic measurements, simplicity of tools, creation and refining of principal planes, and the artist's individual interpretation of his subject. Interplay of camera lens between model and sculpture helps to clarify the demonstration.

j-h-a 11 minutes $1.50

CLEAN LOOK, THE (ASF, Color)

Reveals the secrets of good grooming which make any woman radiantly attractive. A "clean look" plan for women of all ages: easy steps to basic beauty — beauty of face, beauty of body, beauty of hair.

j-h-c-a 30 minutes $5.20

CLEANLINESS AND HEALTH (C)

Students will never again believe that old saying, "A little dirt won't hurt you!" after seeing this picture. It is the story of David and his visit to a doctor, and of the lessons in cleanliness which the doctor impresses upon him. By means of microphotography, the existence of dangerous tiny organisms all around us is demonstrated, and the importance of cleanliness to good health is soundly established.

p-i 10 minutes $1.85

CLIENT-CENTERED THERAPY: PARTS 1 & 2 (PSC)

Part 1: The client is a female graduate student superior in scholastic achievement but perturbed about her social isolation. Covers the initial interview.

Part 2: Shows the 32nd session in the case of a middle-aged mother who is experiencing a certain amount of conflict with her husband and daughter.

Recommended for professional use only.

c-a 30 minutes $3.70 each part

CLIMBING PLANTS (UW)

Shows the mechanism by which weak-stemmed plants support themselves. Illustrates sharp-thorned climbers, leaf-holding creepers, aerial rooted ivy, tendril clinging pea. Time lapse photography is used to show plants growing and entwining or attaching themselves.

j-h-c 10 minutes $1.85

CLOSED BOOK, A (FBIC)

Combats the most serious safety problem facing us today — our state of mind. Successfully challenge that careless state of mind and many of our safety problems would disappear. This touching, sometimes humorous film is an important step in that direction. Through a highly entertaining blend of everyday experience with a dramatic, emotional story, it drives home the idea that each of us is our brother's keeper when it comes to safety.

general 26 minutes $3.70

CLOTHES AND YOU: LINE AND PROPORTION (C, B&W or Color)

Illustrates general body types, and shows a series of "right-and-wrong" demonstrations illustrating certain principles relating to line and proportion that girls can apply to their own choice of clothing.

j-h 10 minutes B&W $1.50, Color $2.70

CLOTHING FOR CHILDREN (C, Color)

Proper clothing for young children of various ages is described and pictured in color.

h-c 10 minutes $2.70

CLOUDS (EP)

Explains the causes of clouds and cyclones and shows the different types of clouds.

i-j-h-c-a 10 minutes $1.85

CLOUDS (USDC)

Valuable as a nature study film and for the study of meteorology. Various types of clouds are shown, and the movement of high and low pressure areas across the country is described. Weather forecasting as the result of cloud study is discussed.

j-h-c-a 11 minutes $1.85

CLUTCH AND HAND BRAKE (UW)

Shows how to determine the amount of clutch pedal clearance or "lash"; how to correct abnormal clutch pedal lash; how to check condition of pull back spring; how to check clutch for slipping, grabbing or drag and how to inspect and adjust the hand brake.

h-c-a 22 minutes $2.65

COAL FROM NEW ZEALAND'S ALPS (NZNFU)

The importance of coal to industry is stressed. The process of getting coal out from the mines in the New Zealand Alps is portrayed. This film makes a contribution to the understanding of how people in other lands make their living and produce essential industrial products.

i-j-h 10 minutes $1.85

COASTAL BRAZIL (PFI, Color)

Points out the tremendously expanding development of Brazil; the rapidity of its growth today in all sections of the country. Shows the rubber industry, the carnauba wax industry; as well as principle cities.

h-c-a 12 minutes $3.00

COLLECTION OF CAROLS, A (OF)

"O Come All Ye Faithful," "The First Noel," "It Came Upon a Midnight Clear," "Joy to the World," "Hark, the Herald Angels Sing" and "Silent Night" are sung by a choir as the words appear on the screen.

general 11 minutes $2.50 (one day only)

COLLEGE PHYSICS SERIES: DOPPLER EFFECT (McGH)

Explained are factors determining pitch of sound, waves shown advancing toward listener, and especially in following cases: 1) Source and listener stationary, 2) Source alone in motion, and 3) Listener alone in motion.

h-c-a 10 minutes $1.85

COLLEGE PHYSICS SERIES: MEASUREMENT OF THE SPEED OF LIGHT (McGH)

Described in detail is the toothed-wheel method of Fizeau with the aid of a moving light beam. Michelson's modification of this method is explained by reflecting the light beam from a rotating eight-sided mirror. The motor is slowed down so that the path of light may be understood at all times.

h-c-a 10 minutes $1.85

COLLEGE PHYSICS SERIES: PROGRESSIVE WAVES (McGH)

Shows basic wave motion and demonstrates progressive transverse and longitudinal waves.

c-a 10 minutes $1.85

COLLEGE PHYSICS SERIES: SIMPLE HARMONIC MOTION (McGH)

Explains what is meant by simple harmonic motion and demonstrates and explains the general features of vibrating or periodic motion.

c-a 10 minutes $1.85

COLLEGE PHYSICS SERIES: STATIONARY LONGITUDINAL WAVES (McGH)

Demonstrates the characteristics of stationary longitudinal waves; the nodes and antinodes.

c-a 11 minutes $1.85

COLLEGE PHYSICS SERIES: STATIONARY TRANSVERSE WAVES (McGH)

Demonstrates the general features of stationary transverse waves and phase reversal.

c-a 10 minutes $1.85

COLLEGE: YOUR CHALLENGE (C)

Presentation of the benefits of college, both academic and non-academic, which high school students may expect. Methods of dealing with financial problems and possible call to military service are considered, along with other obstacles.

h 10 minutes $1.50

COLLOIDS (EB)

The film deals primarily with a definition of the collodial state in terms of particle size, with factors which prevent particle growth, and with some methods of coagulation of colloids. The limits of particle size are described in terms of phenomena (filtration, sedimentation, and Tyndall effect); explanations are given in terms of experimental illustrations and animation. Striking and beautiful photography are found in the Tyndall effect, Brownian movement, and the Cottrell precipitation.

h-c 11 minutes $1.50

COLOMBIA AND VENEZUELA (EB)

The human and economic geography, topography and climate of Colombia and Venezuela are described in this film. Photography shows the several types of people that live here and their work. Animated sequences locate Colombia and Venezuela as one of three parts of the Caribbean region, the others being the West Indies and Central America. Animated map drawings show the extent of Colombia-Venezuela world trade in the import and export of products.

j-h-c 11 minutes $1.50

COLOMBIA, SOUTH AMERICAN MEDLEY (OIAA)

In this picturesque film the old port of Barranquilla and the fine old towns of Bogotá and Cartagena and Colombia's charming countryside are shown.

i-j-h-c 11 minutes $1.85

COLONIAL CHILDREN (EB)

This subject depicts in an authentic setting the self-sufficient home life of colonial times. It shows in detail the furnishings, clothing, customs, and events in a colonial family's day from the morning chores to the reading of the Scriptures by the fireside in the evening.

p-i-j 11 minutes $1.50

COLONIAL EXPANSION (EB)

Portrays colonial development in America from the point of view of the influence of each of the great powers; Spanish, French and English, tracing in detail the struggle for control which finally ended with the English being almost completely supreme.

j-h-c 11 minutes $1.50

COLONIAL PHILADELPHIA (BUP, Color)

Photographs of historic landmarks of the 18th century which exist in Philadelphia and Germantown, Pennsylvania.

p-j-h-c-a 10 minutes $3.00

COLONIAL PRINTER (CWI, Color)

Account of eighteenth century printing in America. Details the laborious methods employed to produce books, newspapers and miscellaneous items for the community's needs. The struggle for freedom of the press is emphasized.

i-j-h-c-a 25 minutes $5.20

COLONIAL WILLIAMSBURG (ICS)

The capital city of old Virginia, Williamsburg, is the only city in the United States that has completely retained or recreated its colonial style of building. Among the scenes shown are: William and Mary College, the second oldest in the country; the Raleigh Tavern; the Governor's House; the Home of Patrick Henry; and many other picturesque views of this old Colonial American city. Even the business establishments of the city adhere to the colonial trade signs.

i-j-h-c 11 minutes $1.50

COLOR (BU, Color)

In this film, children will explore new wonders of color in nature, in pigments, in yarn, wood and clay. Avoiding formal color harmonies, the film stimulates interest in experimentation, encourages children to "put" colors together in their own way.

p-i 10 minutes $2.70

COLOR AND LIGHT (AFF, Color)

A visual color symphony of abstract ballet forms. These changing, flowing, varied movement forms of color are produced by means of abstract shapes made of multicolored transparent plastics which are illuminated. As these bright colored plastics move, the lights create changing, fantastic effects of colored shadows and reflections. Piano background.

j-h-c-a 10 minutes $2.70

COLOR CATEGORIZING BEHAVIOR OF RHESUS MONKEYS (C, Color)

As part of the research into brain disorders, a male, female and baby monkey were taught to sort various objects according to size, color and shape.

c-a 10 minutes $2.70

COLOR KEYING IN ART AND LIVING (EB, Color)

Provides a graphic demonstration of the fact that visual impressions are relative. Stresses environment as an important factor in the choice and use of color. Points out various principles of color "deception" and shows how practical application can be made of them. Shows how color relationships are applied to art subjects and to such aspects of everyday life as hair, eyes, complexion, dress, and home decoration. A useful film wherever color is important.

j-h-c-a 11 minutes $2.70

COLORADO RIVER (PFI)

Shows the location, geographical characteristics, and importance to man of the Colorado River.

j-h-c-a 18 minutes $3.00

COLORADO RIVER, THE (C, Color)

Cutting across Colorado, Utah and Arizona, the Colorado River is unique in its lack of commercial traffic. This film contrasts the Colorado's untamed beauty with the taming influence of its dams, which control its flow and make it the source of electric power and water for irrigation and other uses, serving modern civilization in many ways.

i-j-h-c 11 minutes $2.70

COLORFUL JAIPUR (FZP)

A descriptive picture of the "pink city" of India, the city laid out with greatest mathematical regularity. Birds and dumb beasts are everywhere, protected against killing by religious prohibition of the Jain.

j-h-c-a 10 minutes $1.50

COLOUR IN CLAY (EB, Color)

Created in a famous pottery-making section of England, this film portrays modern commercial pottery making in an authentic setting. It is designed to show the successful combination of art principles with modern technological methods. Mixing and shaping the clay, applying decoration, firing and glazing are shown with clever direction and superb photography.

j-h-a 11 minutes $2.70

COLUMBIA FRONTIER (UW, Color)

Tells of the development of the Columbia River reclamation project in the State of Washington including an explanation of the prehistoric, ice-age diversion of the Columbia River and scenes of the construction of Grand Coulee Dam, the power and pumping plants, and the delivery of irrigation water to more than a million acres of land.

h-c-a 27 minutes $5.20

COMBAT AMERICA (CAA)

Clark Gable serves as writer, director, actor and narrator in this film which follows the Flying Fortress crews from the end of their training in this country to actual combat over Germany. An excellent documentary film.

h-c-a 60 minutes Handling charge, $1.00

COME ACROSS (TFC, Restricted to Classroom Use)

Another in the "Crime Does Not Pay" series. A gang robs a bank in Kansas, thinking they are making it a local job and will have only state law enforcement officers on their trail. But the fact that one of them has stolen an army pistol, and the pistol is recovered by the police, enables federal officials to come in on the case. Then the gang can be chased all over the United States. Their desperate hunt for shelter is unsuccessful and they are caught — having spent every cent of their loot simply as "protection" in their attempt to hide from the police.

h 20 minutes $2.65

COMMON ANIMALS OF THE WOODS (EB)

Pictures the squirrel, rabbit, raccoon, porcupine, otter, mink, beaver, possum, skunk, and woodchuck. In each instance the distinguishing characteristics of the animal are shown, such as the ability of the beaver to build a dam and the habit of the mother possum carrying her young on her back.

i-j 11 minutes $1.50

COMMON COLD, THE (EB)

Illustrates the facts known about the common cold, its care, and secondary infections that may grow out of it. Tells the story of a boy who contracts a cold and visits his doctor for examination and advice. Reveals, by means of the doctor's illustrated explanation, why the common cold is serious and how it should be taken care of.

i-j-h 11 minutes $1.50

COMMONWEALTH OF NATIONS

Designed to show generally the present extent, nature, and Constitution of the British Commonwealth; its purpose, the benefits deriving from it, and the relationship among the members.

h-c-a 30 minutes $3.70

COMMUNICATIONS OF OUR TOWN (M)

Our efficient communications system probably contributes as much to our prosperous way of life as any other single factor. The film introduces the subject of communications, stressing the importance of many types of communication to "our town."

p-i 10 minutes $1.85

COMMUNICATIONS WESTWARD (TFC, Restricted to Classroom Use)

An excerpt from MGM's feature film *Wells Fargo,* in which is traced the history of early communication in the opening of the Western U.S. Highlighted are the stage coach, pony express, telegraph, and railroads.

j-h 33 minutes $4.00

COMMUNISM (UW)

The history of Communism, its totalitarian characteristics, and how Communists operate in the United States.

h-c-a 32 minutes $2.45

COMMUNITY CANNING (USOE)

How and when to pick vegetables, in this case snap beans; how to wash, snap, grade, blanch, and season the beans; how to inspect and prepare the cans, then how to pack and exhaust them; how to label and seal the cans; how to use a pressure cooker or retort, are included in this film.

h-c 17 minutes $2.65

COMMUNITY FLY CONTROL SERIES: BIOLOGY OF DOMESTIC FLIES (UW)

Types of domestic flies; their habits and mechanisms for transmitting disease organisms and filth; methods of control through residual and space spraying with insecticides.

c-a 9 minutes $1.85

COMMUNITY GOVERNMENTS — HOW THEY FUNCTION (C)

The citizens of Riverside, dissatisfied with their community, look into the advantages and disadvantages of the mayor-council, city manager, and commission forms of government — and learn that the active participation of the people and their cooperation in solving problems of local government are an integral part of community progress.

h 14 minutes $2.25

COMMUNITY RESOURCES IN TEACHING (ISW)

Seeks to show how the community and its resources, and the school and its functions can be woven together into a "pattern" of education by bringing the students into the community using its resources as laboratory studies, and inviting the community into the school as lecturers or demonstrators.

c-a 20 minutes $3.00

COMMUNITY SING (TFC, Restricted to Classroom Use)

A patriotic song festival including such numbers as "Columbia the Gem of the Ocean," "Hail Columbia," "Dixie," "America," and "The Star Spangled Banner."

general 9 minutes $1.85

COMPANIONSHIP (UW)

Dramatizes a short sermon by Rev. George H. Simpson.

h-c-a 10 minutes $1.85

COMPASS FOR AGRICULTURE, A (USDA, Color)

The story of the United States Department of Agriculture's Crop Reporting Service and how it has grown from its beginning as an enterprise by the farmers of a single state to its present huge and important work.

A clear picture is given of the inside workings of the Crop Reporting Service: how its data is compiled, how the estimates are arrived at, and who benefits from the service. Emphasizes ways in which farmers may use the Service to insure greater profits.

h-c-a 20 minutes $1.00

COMPETITION AND BIG BUSINESS (EB, Color)

Based on an objective analysis of the relationship of big business to competition, the film defines big business by placing it in its proper perspective alongside other forms of enterprise. Analyzes the role of big business in terms of its bearing on entry into the market, technological progress, and the problem of monopoly in a society where social responsibility is crucial.

h-c-a 20 minutes $4.25

CONCERT ALBUM (AL)

Features Nadine Conner, soprano, singing Verdi's *Sempre Libra* from the opera "La Traviata"; Charles Kullman, tenor, singing *Thanks Be To Thee* by Handel, accompanied by the male quartet, Men of Song; Constance Keene, pianist, playing *Polonaise in A Flat,* by Chopin; Tossy Spivakovsky playing the *Violin Concerto* (Allegretto and Allegro) by Mendelssohn; and the Men of Song in a rendition of *The Sleigh,* by Kunz.

h-c-a 20 minutes $2.65

CONCERT HALL FAVORITES (SF)

Rubenstein's *Staccato Etude* played by pianist Eugene List, violin selections by Yfrah Neaman; folk songs by Susan Reed; and Brahms' *Lullaby* by the Columbus Boy Choir.

i-j-h-c-a 15 minutes $2.65

CONCERT MINIATURES (SF)

Raymond Leventhal, pianist, playing three selections — Schubert's "Moment Musical," Chopin's "Nocturne in F Sharp Minor," and "Capriccio," by Dohnanyi.

h-c-a 11 minutes $1.85

CONCRETE (UC)

Intended to teach students and technicians working in the field the principles of the trial batch method of proportioning concrete.

c-a 35 minutes $4.45

CONCRETE ON THE FARM (PCA, Color)

Shows the uses of concrete in improving the farm: the farm home, barns, silos, barnyards, milk houses, chicken houses, cisterns, etc. Available for Illinois users only.

h-c-a 13 minutes No charge

CONFESSIONS OF A COLD (NMP)

A "cold sprite" reveals to a young lady the seriousness of colds, the loss they cause, how colds spread, and methods of treatment. Animation and live photography are combined.

a 10 minutes $1.85

CONGRESS, THE (MOT)

Shows the functions of the two houses of Congress —how a bill is introduced, considered, and acted upon. It explains the powers peculiar to the House of Representatives. The problem of the relationship of the Congress to the Presidency and to the Supreme Court is explored.

h-c-a 11 minutes $1.50

CONGRESS, THE (UWA)

Discusses the working of the most important of the three branches of the federal government. Describes the powers of the Congress as specifically set forth in the Constitution of the United States and as developed through the principle of implied power.

j-h-c-a 19 minutes $2.65

CONGRUENT FIGURES (C)

A demonstration of the geometric principles for finding and proving that triangles with certain combinations of equal sides and angles are equal and congruent.

h-c 11 minutes $1.50

CONNECTICUT (INF, Color)

Presents the historical background of the state of Connecticut. Takes us on a visit to Hartford, capitol and largest city of the state and often referred to as the insurance capitol of the world, and New Haven, second largest city and the home of Yale University. Covers the dairying and tobacco growing industry. Also covers many historical sites.

i-j-h-c-a 10 minutes $2.70

CONQUERING DARKNESS (NJSCB)

Portrays the over-all program of the New Jersey State Commission for the Blind, and stresses the importance of sight-conservation.

a 18 minutes $2.65

CONQUEST (TFC, Restricted to Classroom Use)

Emphasizing character study, the classroom version of "Conquest" presents a realistic portrayal of Napoleon. The film stresses the personality of the Corsican rather than his triumphs, and provides a sensitive interpretation of his driving will to power. Vivid dramatizations show Napoleon's maneuvering in power politics as well as his efforts to regain the mastery of Europe following the retreat from Moscow and subsequent exile on Elba.

j-h-c 23 minutes $2.65

CONQUEST OF THE NIGHT (OWI)

Night action aboard a destroyer equipped with radar devices.

general 10 minutes Handling charge, $1.25

CONQUEST OF UNGAVA (McGH)

Shows the development of rich iron mines in this region on the northeastern Atlantic Coast of Canada, straddling the border of Quebec and Labrador.

j-h-c-a 18 minutes $2.65

CONSERVATION OF NATURAL RESOURCES (EB)

Three natural resources hold the center of attention in this film; water power, forests, and farm lands. Early wastes in the lumbering industry and agriculture are delineated, and the appalling results are shown. This is followed by an explanation of steps which have been taken and are now being planned to conserve these resources. The effects of wind and water erosion and unwise farming are shown, scenes from the Dust Bowl, and local and federal efforts to check these abuses. There is also included a sequence on conservation and development of esthetic resources.

i-j-h 11 minutes $1.50

CONSERVATION ROAD (FI)

The basic theme of this film is that Americans must continuously learn the need for conservation: conservation of our living resources, wildlife, forests, and agricultural lands, through maintenance and restoration of the balance of nature; conservation of our mineral resources, coal, oil, and metals, through increasing the effective use of each irreplaceable unit.

j-h 22 minutes $2.65

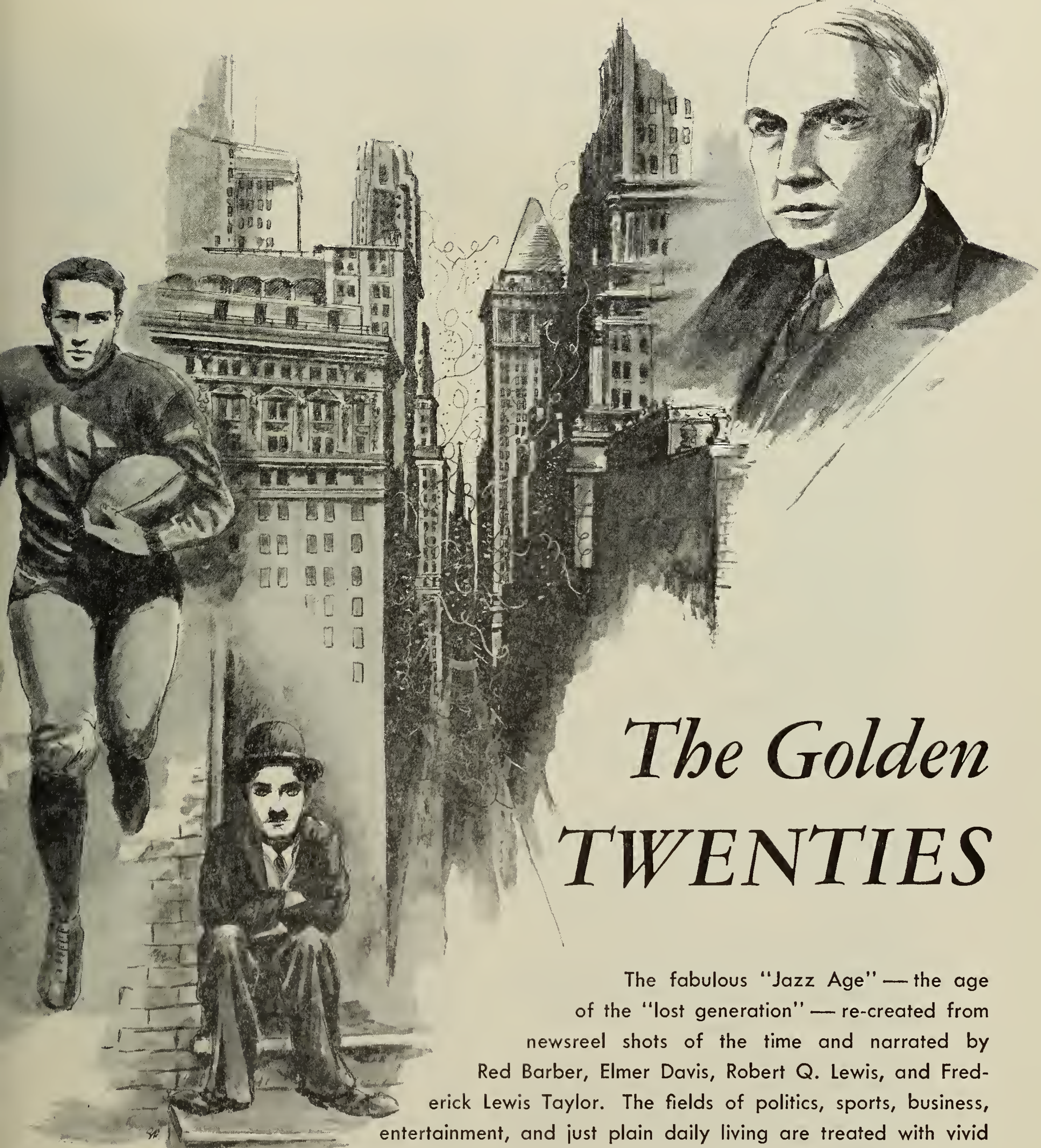
CONSPIRACY IN KYOTO (IU, Color)

Tells of an innocent man, unjustly accused of a capital crime, who wins his vindication. The film describes in detail the burning of the Imperial Gate, which constitutes the actual crime, and various episodes connected with the search for the real culprit.

h-c-a 20 minutes $5.25

CONSTRUCTION OF A LIGHT AIRPLANE (PSC)

Photographed at the Piper Aircraft Corporation in Lock Haven, Pa., the film covers quite completely the



The Golden *TWENTIES*

The fabulous "Jazz Age" — the age of the "lost generation" — re-created from newsreel shots of the time and narrated by Red Barber, Elmer Davis, Robert Q. Lewis, and Frederick Lewis Taylor. The fields of politics, sports, business, entertainment, and just plain daily living are treated with vivid realism. President Harding, Red Grange, Bobby Jones, Rudolf Valentino, and Sinclair Lewis are a few of the famous personalities in the film.

construction of four of the five major parts of the airplanes — the fuselage, the landing gear, the tail surfaces, and the wing. The construction of the fifth part, the engine, is not shown.

j-h-c 22 minutes $3.00

CONSTRUCTION OF DIESEL ENGINES (UW)

The general structure of several types of diesel engines, and the different frame types, cylinder parts, pistons, piston rings, connecting rods, crankshafts, bearings, camshafts and rocker assemblies are shown by cross sectional animated drawings and straight photography.

h-c-a 17 minutes $3.00

CONSTRUCTIVE CHEMISTRY (AL)

Shows the many cellulose products derived from wood — such as artificial silk. Also pictures the process of weaving under the microscope, and how rubber gets its bounce.

i-j-h-c-a 10 minutes $1.85

CONSUMER EDUCATION SHORTS (USDA)

Ahead of 'em All
An Apple a Day
Bite 'em and C
Fourteen Carrots
Good Things Come in Pears
It's a Peach
It's a Snap
Juiced for You
Onions and More Onions
Potatoes Are Appealing
Prunes Are Swell
Queen of the Vegetables

Shows the selection, caring and uses of specific fruits and vegetables.

h-c-a Approx 5 minutes each $1.00 each

CONSUMER PROTECTION (C)

Points the way to the wealth of information available to every consumer which he can use in order to gain value for his money. The haphazard buying habits of one family are contrasted with the careful purchasing of another.

j-h-c 11 minutes $1.50

CONSUMPTION OF FOODS (EB)

Presents data on food needs and deficiencies of various groups of world peoples and related problems of food standards.

general 10 minutes $1.50

CONTACT WITH BOOKS (UI)

Instructional film on the use of a large library. Various important points on the use of library facilities are well told in a dramatic fashion. The principal characters of the story are a senior in the College of Engineering and his roommate, a very unsophisticated freshman. Filmed on the University of Illinois Campus.

h-c 30 minutes $3.70

CONTINUITY OF LIFE SERIES: ASEXUAL REPRODUCTION (IU, Color)

Description and discussion of results of the three types of asexual reproduction in plants and animals; fission, budding, and sporulation.

h-c-a 10 minutes $3.50

CONTINUITY OF LIFE SERIES: CHARACTERISTICS OF PLANTS AND ANIMALS (IU, Color)

Discussion of growth, reproduction, movement, and reaction to stimuli of plants and one-celled animals.

h-c-a 10 minutes $3.50

CONTROL OF BODY TEMPERATURE (EB)

By means of laboratory demonstrations, animated drawings, and special photography, phenomena associated with variations of body temperature in animals and man are shown. Foods are designated as the source of body heat, and the roles of nerves, glands, and muscles in its control are portrayed. The blood stream is depicted as the distributor of heat, and the function of the hypothalamus is compared to that of a thermostat.

i-j-h-c 11 minutes $1.50

CONTROL YOUR EMOTIONS (C)

Emotional control is desired by all. The effects of uncontrolled emotions are familiar to teachers of adolescents. This film presents the essential understandings of psychology which apply to the control and direction of emotions. The language of the film is simple and direct, making the film suited to use with any group regardless of previous psychological learning.

j-h-c-a 14 minutes $2.25

COOKING: KITCHEN SAFETY (YA)

Stresses the common safety hazards that exist in every kitchen, and illustrates specific examples of each. Discusses and demonstrates simple precautions that can be taken to prevent accidents in the kitchen.

h-c-a 11 minutes $1.85

COOKING: MEASURING (YA)

Explains why some experienced cooks do not appear to follow precise measurements, and why most cooks, particularly those with limited experience, must be very careful in their measuring. Illustrates some of the more common measuring devices used in the kitchen, and demonstrates the correct procedures for measuring typical dry solids, liquids, and fats.

h-c 11 minutes $1.85

COOKING: PLANNING AND ORGANIZATION (YA)

Illustrates a well-ordered kitchen in which the housewife has organized the kitchen equipment and cooking utensils for greatest ease and efficiency in her work. Shows what can happen when the preparation of a meal is attempted without adequate planning, and how such troubles can be remedied by planning and by the use of such devices as the time-chart.

h-c 11 minutes $1.85

COOKING: TERMS AND WHAT THEY MEAN (YA)

Demonstrates some of the most commonly misused and misunderstood terms employed in cooking, and points out what they really mean. Designed to make the student conscious of the exact meaning of terminology used in cooking recipes.

h-c-a 11 minutes $1.85

COOL HOT ROD (SD)

Shows the activities of young people in organized clubs and timing associations in which converted stock cars make runs on strictly-supervised "drag strips" with stringent safety regulations. Points out how their pursuit of this hobby contributes to driver education in the public schools and safe driving by teen-agers.

j-h-c-a 27 minutes $4.45

COOLIDGE QUARTET — STRING ENSEMBLE (UW)

William Kroll, Violin; Nicolai Berezowsky, Violin; Nicolas Moldavan, Viola; Victor Gottlieb, Cello. The quartet plays: "Andante" from "String Quartet in E Flat Major" by Carl Von Dittersdorf; "Fugue" from "Quartet in C Major," Opus 59 No. 3.

i-j-h-c 10 minutes $1.85

COOLING SYSTEM & FUEL SYSTEM (UW)

Shows how to check radiator, hoses, water pump, mechanical operation of carburetor, fuel pump, filters, and leakage.

h-a 22 minutes $3.25

COPPER: MINING AND SMELTING (EB, Color)

This is how man gets copper from an open-pit type copper mine. The ore is crushed, washed, roasted, smelted, and converted. Most copper comes from several principal deposits in the United States, and is of great importance in a modern industrial society.

i-j-h 11 minutes $2.70

CORINTH CANAL (ECA)

The Corinth Canal is a vital link in Greek waterways. In 1944 the Germans, retreating from Greece, dynamited the canal, sunk in its mud freight cars, bridges and ships to bar it to Allied traffic. With the help of E. C. A. funds and American engineers, the canal was restored in 1948. Follows the passage of a Greek ship through the canal for the first time since the war.

j-h-c-a 10 minutes Handling charge, $1.00

CORN (UW, Color)

Explains the preparation of land for the planting of corn, planting and picking practices, problems of storage, and the control of insects.

h-c-a 17 minutes $4.25

CORN FARMER, THE (EB)

Depicts the lot of a typical corn farmer in growing and harvesting his crops. Problems of planting, cultivating, harvesting, crop rotation, haying, hog and cattle raising and marketing are portrayed in challenging settings. Reproduced conversations vitalize numerous situations including household events, a visit to a neighboring town and a livestock auction. The role of the machine in modern farming is given due consideration.

i-j-h-c 10 minutes $1.50

CORONATION OF POPE PIUS XII (UW)

This is the first time a coronation of a Pope was ever photographed. Intimate glimpses of Pope Pius XII and his life. Inspiring camera work inside the Vatican. Detailed filming of a historic ceremony and the actual coronation on the balcony of revered St. Peter's.

j-h-c 11 minutes $1.85

CORPS DE BALLET & ORCHESTRA (OF)

Following an intimate glimpse into the ballet school, Serge Lifar, master of the ballet, gives an enchanting performance.

j-h-c 5 minutes $1.85

COSTA RICA (IFI, Color)

Includes the growing of coffee, sugar cane, and bananas.

i-j-h-c-a 10 minutes $2.70

COSTA RICA (MOT)

A fine comprehensive travelog of the little country of Costa Rica, showing its growth and exportation of coffee, its banana plantations, its people, and its religious and cultural life. The colorful history of the country is also touched upon.

j-h-c-a 20 minutes $2.65

COSTA RICA (PFI, Color)

Costa Rica — a small bit of colonial Spain that has survived the tide of basic Indian dominance in central America.

h-c-a 10 minutes $3.00

COSTUME DESIGNER (TFC)

Shows the skill, the research, and the sense of the appropriate which must go into the designing of costumes.

h-c-a 10 minutes $1.85

COTTON (EB)

Making of cotton cloth from field to fabric.

p-i-j 11 minutes $1.50

COTTON PLANTING (PHP)

Various operations involved in growing cotton; preparation of seed beds; cultivation by hand, mules and flame cultivation; dusting for insect pests by helicopter; plants and bolls at different stages of growth; and use of chemicals to defoliate before the harvest.

h-c-a 11 minutes $1.85

COUNSELING — ITS TOOLS AND TECHNIQUES (VGF)

How a well-trained counselor works. Shows the trainee what tools and techniques to use in counseling and how to use them to the best advantage. Included are interviewing, tests, questionnaires, and the use of films and other aids.

h-c-a 22 minutes $3.25

COUNSELOR GOES TO CAMP (FHI, Color)

Shows the duties and responsibilities of a volunteer counselor in charge of eight boys during a week at camp. He guides them in Christian living and devotion.

h-c-a 24 minutes $8.00

COUNSELOR'S DAY, A (McGH)

Shows how a good student counselor organizes his methods in accordance with the student's emotional needs. Shows how he prepares for the interview, how he uses a case conference with other teachers to aid him, and how he plans his own activities to gain perspective on student problems.

c-a 11 minutes $3.00

COUNTERSINKING, COUNTERBORING, AND SPOT FACING (UW)

Pictures the methods and sequences followed when setting up a vertical drill for three different production jobs.

h-c-a 20 minutes $2.65

COUNTY AGENT (Castle)

The county agent has to be an adviser, a friend, and a technical consultant. He gives advice in new farming methods, in improving field lay-outs, and in amounts and types of fertilizer to be used. He is often called on to furnish plans and blueprints for new buildings, and he joins in various community activities along with the rest of his neighbors. The county agent knows every back road in his county; and it is his constant efforts on their behalf that have helped overcome many of the natural hazards that beset farmers.

h-c-a 20 minutes $3.00

COUNTY FAIR (McGH)

A typical farm family as the members go about their daily tasks and prepare for participation in their local fair.

i-j-h-a 16 minutes $3.00

COUNTY GOVERNMENT (PRP)

Covers the operations and functions of all phases of a typical county; shows how and why counties were formed; how their powers are controlled by the State; how counties are governed and the scope of their duties; several types of their duties; several types of county administration are illustrated and discussed. The services performed by the different county officers are shown and explained

j-h-c-a 21 minutes $3.00

COURT REPORTING (TAE)

Shows the court reporter in action and explains the duties of a person following this vocation.

h-c-a 10 minutes $2.00

COURTESY FOR BEGINNERS (C)

The fundamentals of courtesy — such as being considerate to a guest, making correct introductions, saying the "magic" words — "Please," "Thank you," and "Excuse me"; all are presented in a variety of role-playing activities for a young audience.

p 10 minutes $1.50

COURTSHIP TO COURTHOUSE (McGH)

Some contributing factors that lead to divorce.

h-c-a 18 minutes $3.00

COW AND ITS RELATIVES (C)

A visit to a domestic cow, Indian humped cow, Yak of Tibet, buffalo and antelope.

p-i 10 minutes $1.85

COW AND THE SPRITE, THE (C)

A charming interpretation of the well-known story that tells of the happiness of man and of what happiness is composed. Employs delightful puppets, especially created for filming, to bring to us the moral lesson that "we can be happy no matter what our worldly possessions." Other fantasies in this series are: Rumpelstiltskin, Honest Woodsman, King Midas and the Golden Touch, Legend of the Pied Piper.

p-i 11 minutes $1.50

COWBOY, THE (AB, Color)

Features Montie Montana, the well known rodeo player, who explains the dress of the cowboy, the equipment of the ranch horse and how the cowboy and horse work together to rope cattle. When the work is finished Montie practices for a coming rodeo. He spins ropes and tries a few riding tricks.

p-i-j 11 minutes $3.00

COWBOY MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

CRACKED NUT, THE (UW)

Woody Woodpecker in another laugh-provoking adventure.

general 10 minutes $1.50

CRADLE OF VICTORY (CAA)

A pictorial report made to the people of the United States to show them how air superiority over the Axis was achieved. A brief history of the early days of aviation, containing scenes made twenty and thirty years ago, is included.

j-h-c 35 minutes Handling charge, $1.00

CRADLE SONG, THE (UW)

Ninon Vallin, contralto, lends new significance to "Les Berceaux" by Fauré in an outstanding vocal performance.

i-j-h-c 5 minutes $1.50

CRADLES OF CREED (FTP)

Portrays the countries of the origin of the many religious creeds followed by man all over the earth.

j-h-c-a 10 minutes $1.85

CRAFTSMANSHIP IN CLAY: DECORATION (IU, Color)

Introduces decoration as adding visual interest to form and shows the three basic materials used for applying designs on a clay surface — clay, glaze, and clay slip. Useful for teaching the basic skills needed and for motivating interest in and appreciation for ceramic art.

h-c-a 10 minutes $2.70

CRAFTSMANSHIP IN CLAY: GLAZE APPLICATION (IU, Color)

Introduces glazing as an activity of pottery makers and demonstrates four methods of applying glaze — dipping, brushing, pouring, and spraying.

i-j-h-c-a 10 minutes $2.70

CRAFTSMANSHIP IN CLAY: SIMPLE MOLDS (IU, Color)

Outlines and shows the three simple methods of making ceramic molds: the press mold, the slip-casting mold, and the drape mold.

h-c-a 10 minutes $3.50

CRAFTSMANSHIP IN CLAY: SIMPLE SLAB METHODS (IU, Color)

Techniques by which attractive pottery pieces may be made from clay. The film not only gives basic information; it also points out that imagination in design and attention to points of fine craftsmanship will produce pottery which affords both pride and pleasure.

i-j-h-c-a 10 minutes $2.70

CRAFTSMANSHIP IN CLAY: STACKING AND FIRING (IU, Color)

Demonstrates the correct stacking of both green and glazed pottery in a small kiln. The potter shows each step in the firing of the pieces. The results of correct and incorrect stacking and firing techniques are clearly shown.

i-j-h-c-a 10 minutes $2.70

CRAFTSMANSHIP IN CLAY: THROWING (IU, Color)

Shows how a skilled ceramist shapes various pieces of pottery on a potter's wheel. He demonstrates how the wheel is turned by a foot pedal and how the speed of turning is controlled by the foot movement. A bowl, low flat plate, and a pitcher are formed.

i-j-h-c-a 10 minutes $2.70

CRASH FIRE RESCUE (CAA)

Considers the three essentials for fire — fuel, heat, and oxygen — and shows how water, carbon dioxide, and foam are used as extinguishing agents. Demonstrates extinguishing equipment on several fires resulting from simulated crashes. Among the types of trucks and associated equipment demonstrated are the FFN0, FFN2, FFN3, FFN4, and FFN5.

h-c-a 23 minutes Handling charge, $1.00

CRAYFISH, THE (UW)

First examines the crayfish in general terms, as an animal with an external skeleton. Moving on to specific details, it analyzes the functions of the individual parts and explores the nature of the male and female reproductive systems. After the processes of feeding and digestion are considered the arterial and nerve systems are traced.

j-h-c 10 minutes $1.85

CRAYON RESIST (BFS, Color)

Shows designs created by varied uses of wax crayons and rubber cement. Both of these materials act as resists to watercolor or tempera washes. Examples display the flexibility and adaptability of the method.

h-c-a 5 minutes $2.35

CREATION (CMF, Color)

Depicts the first two chapters of Genesis, faithfully following the Scriptures, with narration from the Bible. Animated.

j-h-a 15 minutes $4.25

CREATION (HFE)

Depicts the formation of the world, the land rising from the seas and the appearance of life upon the earth. It shows the Garden of Eden, with Adam and Eve and how they are driven out of the Garden of Eden into a desolate, dreary waste.

c-a 11 minutes $1.85

CREATION, ACCORDING TO GENESIS (BFC, Color)

Blends pictorial material, symphonic and choral music, with narration from portions of the first chapter of Genesis, King James version.

i-j-h-c-a 10 minutes $2.70

CREATION OF A PORTRAIT (EB, Color)

Demonstrates essential steps in the creation of a representative portrait as painted by A. G. Warshawsky, prominent American artist. Shows artist making beginning sketch with color and brush. Follows through with the laying in of broad planes of color and portrays the gradual development of form in the portrait with constant reference to the model. Illustrates the use of glaze over painting and calls attention to the master touches which distinguish the work of a great painter from that of the mediocre.

h-c-a 11 minutes $2.70

CREATIVE HANDS SERIES: BEGINNING OF PICTURE MAKING (IFB, Color)

Shows many examples of work produced by children, chiefly with tempera paint, at the ages of three and five, when skills are not yet mastered but creativity is great; at six, when recognizable figures are introduced; and at seven, in grade 2, when skills catch up with ideas. It is suggested that pictures at this age should not be graded but represent experience and enjoyment in terms of the individual child.

i-j-h-c-a 6 minutes $2.70

CREATIVE HANDS SERIES: BUILDING MODEL HOUSES (IFB, Color)

Everyone feels the urge to build models now and then, whether it be model trains, airplanes, or boats. We see a school class which builds a model community, cutting the houses out of cardboard and building them to scale, painting them and putting them up along streets complete with trees, lawns, and lawn umbrellas. A novel idea for class projects.

p-i 6 minutes $2.70

CREATIVE HANDS SERIES: DESIGN TO MUSIC (IFB, Color)

Music as an aid to one's kinesthetic sense in drawing and painting. An artist draws lines to music while the narrator discusses music as a stimulant to good design. Film also shows how music can be interpreted with color, as well as line and space.

i-j-h-c-a 6 minutes $2.70

CREATIVE HANDS SERIES: FINGER PAINTING (IFB, Color)

Young children, teenagers, and adults will find pleasure and the urge to try finger painting after watching the ease and speed with which the artist in this film achieves original designs and dramatic effects with basic hand and finger movements.

i-j-h-c-a 10 minutes $2.70

CREATIVE HANDS SERIES: LOOM WEAVING (IFB, Color)

The art teacher and the manual training teacher cooperate here to help students build a simple loom out of an old broom and a few pieces of wood. Also shows how to thread the warp threads through the needle, how to wind and use the bobbin, and the proper use of different threads, like wool, cotton or cellophane in making such varied objects as scarfs, bags, and mats.

p-i-j-h-c-a 6 minutes $2.70

CREATIVE HANDS SERIES: MAKING A MASK (IFB, Color)

A group of children in school environment are directed through the simple procedures of making two kinds of masks out of wet paper and paste, the kind that is tied against the face and the kind that can be slipped over the head. Suggestions are given for painting them and adding hair or other accessories.

p-i-j-h-c-a 6 minutes $2.70

CREATIVE HANDS SERIES: PAPER SCULPTURE (IFB, Color)

Indicates some of the possibilities of paper sculpture as a creative art form. Middle grade children are shown at work, and their products are shown at various stages as well as in finished form. Emphasis is on originality, with concrete suggestions on techniques such as folding, rolling, curling, and cutting paper.

p-i-j 6 minutes $2.70

CREATIVE HANDS SERIES: PICTURE MAKING AT THE GANG AGE (IFB, Color)

Children of 10 and 11 in grades 5 and 6 are able, with simple classroom equipment, to make original and infinitely varied compositions, close to their own interests with real skill. Shows a good way to organize the classroom for the work and how to give some directions towards the improvement without discouraging creativeness.

i-j-h-c-a 6 minutes $2.70

CREATIVE LEISURE (UW)

Americans spending their leisure time in pursuit of the arts.

h-c-a 20 minutes $3.00

CREDIT — MAN'S CONFIDENCE IN MAN (MTP)

Simple analogies intended to make clear the nature of credit and credit-reporting procedure.

j-h-c-a 33 minutes $1.00

CRIME LAB (McGH)

Surveys the techniques used in modern crime detection. Emphasizes that today anyone who commits a crime pits himself against a vast army of police and the weapons of the laboratory.

j-h-c-a 17 minutes $2.65

CRIME OF KOREA, THE (UW)

The report of a war correspondent on two visits to Korea — one in 1945 after liberation from Japan, the other in 1950 after the destruction and devastation of the country and its people.

a 15 minutes $3.00

CRIMES OF CARELESSNESS (AP)

A sound motion picture dramatizing the importance of fire prevention in the home.

i-j-h-c-a 10 minutes $1.50

CRIMINAL IS BORN
(TFC, Restricted to Classroom Use)

A judge relates a case demonstrating the effect of parental neglect in the development of adolescent criminals.

h-c 20 minutes $3.00

CRISIS FOR COOKIE
(TFC, Restricted to Classroom Use)

Excerpt from the film, "The Perfect Marriage," showing the effect of imminent divorce on the child.

c-a 11 minutes $1.85

CRISIS IN IRAN (McGH)

Shows modern cities and primitive nomadic tribesmen, the largest oil refinery in the world and the ruins of ancient Persian civilizations. Outlines the economic and political conditions that have brought on the present crisis.

h-c-a 18 minutes $2.65

CROP THAT NEVER FAILS (USDA)

By calling attention to disastrous floods, dust storms, insect plagues and drought that have plagued the American farmer during the last two decades, this picture points out that prosperity is not permanent, and that farmers should draw a lesson from the past and insure security by putting aside substantial financial reserves in the form of Savings Bonds.

8 minutes Handling charge, $1.00

CROSS COUNTRY CHAMP (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

CROSS SECTION OF CENTRAL AMERICA — GUATEMALA (UW)

Four hundred years after the Spanish conquest you still hear the ancient Indian languages of the Guatemalans and sense the feeling that time has stood still. The camera places you with these people and you at once feel the physiographic impact of the country upon them.

j-h-c 20 minutes $2.65

CROSS WINDS (CAA)

Explains operation and construction of cross wind landing wheels.

c-a 12 minutes Handling charge, $1.00

CROSSROADS (MPH)

Tells the story of Jim Barclay, high school youth in a small town who lives on a farm with his father and mother, and the incidents in his life which led to his decision to become a minister.

h-c-a 35 minutes $4.45

CROW CRAZY (UW)

Andy Panda has troubles getting the crows to leave his corn alone.

general 7 minutes $1.00

CROWN OF RIGHTEOUSNESS (UW)

Covers the period in Paul's life from his trial before Nero, through the burning of Rome, to Paul's re-arrest as a result of persecution of the Christian sect.

j-h-c-a 24 minutes $3.70

CRUCIFIXION, THE (LWF, Color)

Portrays the trials of Jesus before Herod and Pilate, the concern of the disciples, the journey to Golgotha, the crucifixion, and the conversion of the centurion.

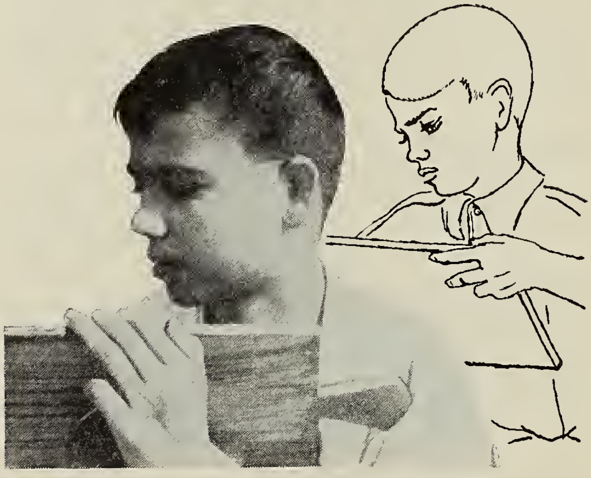
i-a 30 minutes $5.20

CRUISE SHIP (McGH)

A voyage from New York to South America aboard the Santa Paula, a Grace line pleasure ship. Includes scenes of Curacao, La Guaira, Puerto Cabello, and

International Understanding

CRIME OF KOREA
CRISIS IN IRAN
GERMANY TODAY
INDIA: PAKISTAN AND THE UNION OF INDIA
MAN IN THE TWENTIETH CENTURY
OUR STAND IN KOREA
WORLD BALANCE OF POWER



Cartagena, and of the operations of the ship, as well as the pleasures afforded the passengers.

j-h-c-a 18 minutes $2.65

CRUSADES, THE
(TFC, Restricted to Classroom Use)

The excerpted classroom version of "The Crusades" presents a vivid dramatization of the efforts of the Christians to recapture the Holy Land from the Saracens, with emphasis upon the leading figures and events of the Third Crusade.

j-h-c 34 minutes $3.70

CRYSTAL GAZING (EF)

Speleologists study caves and there find a wealth of natural crystals.

j-h-a 12 minutes $1.85

CRYSTALS AT WORK (AL)

Shows the use of crystalline substances in industry, particularly the use of quartz in phonographs, radios, televisions and long-distance telephone systems.

j-h-c-a 10 minutes $1.85

CRYSTALS OF ENERGY (SI, Color)

Stresses the need for carbohydrates in the daily diet and shows how sugar cane and sugar beets are converted into sugar.

j-h-c-a 30 minutes $1.00

CUB IN THE DEN (BSA, Color)

Den meeting shown illustrating parts of Den Mother, Den Dad, Den Chief, and Denner.

i-j 20 minutes $3.25

CUB IN THE HOME (BSA, Color)

Is designed to inform parents about the Cubbing Program. It specifically deals with the home-centered nature of cubbing and the parents' relationship to the boy's activity. It is especially useful in the first meeting of parents during the organization of a new Cub Pack. The story is about Bill, who wants to be a Cub, how his father becomes interested in cubbing through the Cub committeeman, and how Bill and his father enjoy cubbing themselves.

i-j-c 19 minutes $3.25

CUB IN THE PACK (BSA, Color)

Shows typical Pack project from preliminary planning to glorious end. Project is a Scout Circus in which all the Dens participate. We experience all the fun and thrills of the Circus as it is performed in a typical town.

i-j 20 minutes $3.25

CUBA (INF, Color)

Covers the agricultural side of Cuba — the growth of crops such as tobacco, pineapples, bananas, coconuts, coffee, and most important of all, sugar. Also shown are Columbus Cathedral, Havana University and the largest and most important cities.

i-j-h-a 10 minutes $2.70

CUBA, LAND OF THE RUMBA (FTP)

Shows gay, light-hearted Cubans showing their every mood in their dancing; also includes a visit to the Morro Castle and a sugar plantation.

j-h-c-a 10 minutes $1.85

CUBA: THE LAND AND THE PEOPLE
(C, B&W or Color)

Close relationship between Cuba's tropical climate and the land is drawn in this timely picture of modern Cuban life. The Spanish background, the strategic value of the island to American security and the economic ties of Cuban products to the economy of the United States are shown — all in terms of the people of Cuba.

i-j-h-a 11 minutes B&W $1.50, Color $2.70

CUERNAVACA (OIAA, Color)

In this film we visit three of the loveliest towns in Mexico — Cuernavaca, Tasco, and Acapulco. Cuernavaca, which stands on the site of an ancient Aztec village, is a beautiful week-end resort and Tasco, a silver mining town, is so picturesque that the Mexican government has named it a monument in order to keep it unchanged. Acapulco is seen in all its beautiful surroundings.

general 10 minutes $2.70

CULINARY CARVING (TFC, Restricted to Classroom Use)

An illustrated lecture by M. O. Cullen, carving expert, on the techniques of carving various cuts of meat.

j-h-c 9 minutes $1.85

CULL FOR PROFIT (UW, Color)

Demonstrates practice of culling out low producing birds in laying flocks. Informs of the 4 times when it is economical to cull and describes the characteristics to look for in determining which birds to unload and which to keep.

a 9 minutes $2.70

CULLING SHEEP (UPRR, Color)

Demonstrates methods of improving the flock for both wool and meat production.

j-h-c-a 10 minutes $1.00

CULTIVATE YOUR GARDEN BIRDS (UW, Color)

A beautifully photographed study of neighborhood bird life which pictures nesting habits, feeding habits, and habitats of several common garden birds.

general 10 minutes $2.70

CUMBERLAND STORY (BIS)

Story of a Cumberland coal field. James Nimmo, a mining engineer, is appointed general manager of a group of collieries along the sea coast in Great Britain. He discovers an old seam deserted since the days of John Buddle and his experiments with under-sea mining. The Buddle story is unfolded and hope of rediscovering and reworking the seaward area.

h-c-a 46 minutes $5.00

CURE, THE (BRF)

Charlie is wheeled in to take the water cure. While Charlie is being treated by a rough masseur, the bellhop, ordered to dispose of Charlie's trunkful of bottles, tosses them in the well with amazing effects on Charlie and the patients. Charlie promises to reform but next morning falls into the well. About the funniest of the Chaplin comedies.

j-h-c-a 22 minutes $3.00

CURING PORK COUNTRY STYLE (UW)

Cured pork is soaked, scrubbed and strung. Then it is hung in the smokehouse in a haze of hardwood smoke which, colors, flavors and dries it.

A brief sequence shows how hams and shoulders are artery pumped by commercial packers to speed up packing.

h-a 15 minutes $2.65

CURIOUS COATI (YA)

The activities of the coati. This small animal, a native of Central and South America, is closely related to the raccoon in appearance and habits. Film is built around the inquisitive activities of a pair of young coatis at an expedition camp somewhere in lower Mexico.

p-i-j 8 minutes $1.85

CURRENT FLASHES (JH)

The importance of the part that electricity plays in our everyday lives is highlighted. We see how generating plants adapt themselves to shifting loads and emergency conditions, and we see generators in use in many different places — radio stations — motion picture theatres — ships — trains — power plants — automobiles. The chief emphasis is placed on the generator and electrical system of the automobile.

The function of the generator and battery is completely explained. And the various uses of and necessity for electricity in an automobile are clearly demonstrated.

j-h-c 10 minutes $1.85

CURRICULUM BASED ON CHILD DEVELOPMENT (McGH)

Describes various techniques and procedures which can be used effectively in gearing a curriculum to the needs and behavior of specific age groups of children.

c-a 12 minutes $2.65

CURTAIN TIME (EB)

As a guide for the staging of amateur theatricals, develops sequentially the major problems which the producer faces: casting, direction, rehearsals, costumes, properties, sets, publicity, and finances.

j-h-a 28 minutes $3.70

CURVE CONTROL (JH)

This picture shows and explains how various types of vehicles are steered.

Steering principles governing different numbers of wheels are investigated and various types of steering mechanisms are explained. The geometric principle of a revolving cone is shown as it applies to any wheel which is tilted at an angle to the plane on which it rolls.

Practices of steering are demonstrated, and we are shown how wobbling and weaving on a bumpy road are eliminated.

j-h-c 8 minutes $1.50

CUTTING A KEYWAY ON END OF A FINISHED SHAFT (UW)

Animation, closeup photography, and commentary combine to demonstrate many of the basic principles of milling machine operation as they apply to the cutting of a keyway in a steel shaft.

h-a 13 minutes $2.25

CUTTING A TAPER WITH THE COMPOUND REST AND WITH THE TAPER ATTACHMENT (USOE)

The operations used when turning a sharp taper on a bevel gear blank with the compound rest and a slight taper on a shaft with the taper attachment are demonstrated. Directions for setting the tool when cutting a taper, proper use of roughing and finishing tools, use of bevel protractor to measure a slight taper are shown. A brief summary of the sequence of operations closes the picture.

h-c 11 minutes $1.00

CUTTING AN EXTERNAL NATIONAL FINE THREAD (USOE)

Various shapes of threads and their uses, the characteristics of the National Fine Thread, and procedures used to cut such a thread on a lathe are among the points described in this film produced by the U. S. Office of Education. Slow motion is used in parts of the film to emphasize and make clear the skill required in this operation.

h-c 11 minutes $1.00

CUTTING KEYWAYS (USOE)

Shows the setting up of a shaft on the table of the milling machine for cutting a keyway at each end, the selection of the proper cutter, the determination of the correct speed and feed, and the setting of the machine for the correct depth and length of cut. The necessity for a rigid set-up of both work and cutter is emphasized. Animation shows how to calculate the feed and speed on the milling machine in terms of all the factors involved. All the steps necessary to cutting a keyway are reviewed.

h-c 11 minutes $2.25

CUTTING TENONS AND SEGMENTS (UW)

Laying out and cutting a tenon; setting up equipment to make shoulder cuts; setting up the equipment to make first and second check cuts; preparing a jig to trim and miter segments; guiding the jig; and using a slide miter gage.

h-a 15 minutes $1.50

CUTTING THREADS WITH TAPS AND DIES (UW)

Shows and explains the methods, operations, and procedures used when cutting small threads with the use of hand taps and dies.

h-a 19 minutes $2.65

CZECHOSLOVAKIA (MOT)

The history of Czechoslovakia from its birth at Versailles through Communist domination today.

general 20 minutes $2.25

DAIRY FARM (C, B&W or Color)

Colorful summer scenes of life on a dairy farm, milking and handling milk.

p-i-j 16 minutes B&W $2.25, Color $4.25

DAIRY INDUSTRY (VGF)

In presenting both the work involved in production, in processing and marketing the products of the dairy farm, this film points out the various occupational opportunities to be found in the large and expanding dairy industry, including many specialists jobs. The locale of the picture is a modern dairy farm, and an up-to-date milk processing and marketing plant.

j-h 11 minutes $1.85

DAMAGE CONTROL: SCHOOL OF THE FIRE FIGHTER (CAA)

Demonstrates the proper method of approaching and fighting all types of fires, handling the apparatus, and the use of carbon-dioxide extinguishers and foam in fighting fires.

a 40 minutes Handling charge, $1.00

DAMAGE CONTROL: THE CHEMISTRY OF FIRE (CAA)

Demonstrates how the elements of fuel, oxygen, and ignition temperature must be present in order to have fire; differentiates between flash point and ignition point of fuels, and gives two ways in which a fire may be extinguished.

h-c-a 46 minutes Handling charge, $1.00

DANCE DEMONSTRATION (PE, Color)

In the first part the group demonstrates techniques to develop flexibility, flowing movement and elevation. In the second part ways are shown to stimulate the imagination to develop dramatic character and to find fresh ways of moving.

j-h-c-a 10 minutes $3.00

DANCE FESTIVAL (BRF)

Presents successful contestants at the International dance festival in London in dances of the Ukraine, Caucasus, Uzbekistan and Armenia.

c-a 10 minutes $1.85

DANGER SLEUTHS (McGH)

Shows the testing of household and industrial articles by the Underwriters Laboratories.

h-c-a 14 minutes $2.65

DANGEROUS DOLLARS
(TFC, Restricted to Classroom Use)

The U. S. Treasury Department's battle against counterfeiters. Shows the best and quickest means of spotting bad money — both coins and bills. Shows by way of illustration the way a quick-thinking merchant can foil bad-bill passers.

h-c-a 10 minutes $1.85

DANGEROUS STRANGER (SD)

Should be shown to all elementary school children. The dangers of listening to the "dangerous stranger" are related and shown to a group of children by a friendly policeman.

p-i-j 11 minutes $1.85

DANGEROUS WAR TROPHIES (UW)

Produced to warn military personnel and the public on dangers of war trophies which have not been checked for safety. Deals with rifles, grenades, shells and other lethal souvenirs. Ends with procedures to follow in making these items harmless.

h-c-a 12 minutes $2.65

DANIEL BOONE (EB)

Relives important episodes in the life of America's best-known wilderness scout, Daniel Boone, revealing the personality traits and experiences which made him outstanding in his field. Portrays Boone's youth in Pennsylvania and North Carolina, where he learned the ways of the wilderness. Traces his activity in the French and Indian Wars, his pioneering adventures in exploring and settling Kentucky, his activity in the Revolutionary War, and his final settlement in Missouri, where his reputation as a pioneer and scout became firmly established.

j-h-a 22 minutes $2.65

DANIEL WEBSTER (EB)

Traces the development of the qualities and skills which made Webster a distinguished lawyer, the leading orator of his day, and a spokesman for American National unity. Portrays the events which influenced him to be first a states' rights man and defender of the trading interests of New England, and later, the nation's most eloquent advocate of strong national power and unity.

j-h-a 22 minutes $2.65

DANNY REBELS (TFC)

Ten-year-old Danny decides his parents are too strict and states he has decided to leave home and become his own boss. His father surprises him by agreeing to his idea.

j-h-c-a 8 minutes $1.85

DASHES, HURDLES AND RELAYS (EB)

The first part of this subject is taken up with the technique of the dashes — 100 meters, 200 meters, and 400 meters. Demonstrations are given in both normal speed and in slow motion. There is ample repetition of the techniques of starting from various advantageous angles. Adjustments of sprinting form necessary for the 200 and 400 meter races are clearly brought out. The second part presents the hurdles and relays. Three types of good form in hurdling are illustrated. Much attention is given to the techniques of passing the baton in the relays, with differences in this technique between the short relays and the longer ones clearly shown.

i-j-h-c 20 minutes $2.25

DATE ETIQUETTE (C)

The story of a date — the ways of asking and accepting date invitations, meeting the girl's parents, going to the date, behavior at an affair when seating is required, eating at a restaurant, going home and saying goodnight.

j-h-c-a 10 minutes $1.50

DATE WITH YOUR FAMILY, A (SM)

Presents a heart-warming story of an evening in the life of a happy American family. Shows how the people of the story are bound together by mutual respect and affection, and an intelligent concern for small attentions which nurture good family living.

j-h-c-a 11 minutes $1.85

DATES (HFE)

Since the date must have dry, hot atmosphere, it thrives only in desert areas where moisture can be provided by irrigation. This is one reason why Coachella Valley in Southern California is one of the world's most important date growing regions. This film tells of the planting, thinning, protecting, and harvesting of the fruit in the Coachella Valley.

j-h-c 11 minutes $1.85

DATING: DO'S AND DON'TS (C)

By showing the progress of an idealized date, from inception of the idea, asking and accepting, to the date itself and the final goodnight, this film raises some

important questions regarding dating, and suggests partial answers as guides for discussion. Such questions as "How old should you be before you date?" and "How late should you stay out?" help to stimulate open discussion of dating.
j-h 15 minutes $2.25

DAVID COPPERFIELD, THE BOY (TFC, Restricted to Classroom Use)

Sequences from the feature dramatization of Dickens' book.
general 40 minutes $5.00

DAVID COPPERFIELD, THE MAN (TFC, Restricted to Classroom Use)

Continuation of the previous film.
general 40 minutes $4.00

DAVID, THE SHEPHERD BOY (UW)

Events in the life of David from early youth to the end of his life are illustrated with drawings.
p-i-j-h-c-a 21 minutes $2.65

DAVIS CUP, 1947 (AFC)

Complete coverage of the tennis matches with excellent camera views to bring the action at its best to the audience.
general 20 minutes $2.65

DAWN OF BETTER LIVING (WE, Color)

Stresses the need for better wiring in the home; demonstrates the arranging of electric units.
h-c-a 18 minutes Handling charge, $1.50

DAY AT THE BEACH, A (HFE, Color)

A cartoon.
p-i 10 minutes $2.00

DAY AT THE FAIR (EB)

Relives the fun, drama, and atmosphere of a state fair. Tells the story of three farm youngsters who go to the fair to exhibit their cattle and pigs, and follows them as they tend their livestock, watch the judging, see the displays, and take in the sights. Reveals one boy as he wins a prize, and follows all three as they frolic on the midway.
p-i 11 minutes $1.50

DAY AT WASHINGTON BOULEVARD SCHOOL, A (BFS, Color)

Depicts the activities of a Los Angeles city school for handicapped children. Documents the educational program and pictures the therapeutic techniques employed to help these youngsters overcome their handicaps.
c-a 21 minutes $4.25

DAY IN CONGRESS, A (FI)

Portrays Congress in action, starring members of Congress and the page boys whose daily chores keep the wheels turning on Capitol Hill. It presents a realistic picture of the environment in which the Congress of the United States carries on its work. It portrays the intimate, personalized story of A Day in Congress.
j-h-c-a 22 minutes $3.00

DAY IN THE LIFE OF A FIVE-YEAR-OLD (TC)

Portrays young children interpreting the world about them in a spacious, well-planned and equipped, kindergarten setting. The role of the teacher in guiding these children through a happy, meaningful, and satisfying day is shown.
c-a 20 minutes $3.50

DAY IS NEW, THE (OIAA)

A typical day in the life of the Mexican people is shown, picturing their varied daily activities, from dawn to night.
i-j-h-c 11 minutes Handling charge, $1.25

DAY OF BATTLE (OWI)

The life of an aircraft carrier, how she was built and how she was destroyed in battle against the Japanese in the South Pacific, is recorded in the Office of War Information film. Battle scenes show the carrier's fighter planes, torpedo planes and dive bombers in action against the Japanese attacking force.
h-c 10 minutes Handling charge, $1.25

DAY OF THANKSGIVING, A (YA)

Tells how a typical American family used Thanksgiving Day as the occasion to review the freedoms and privileges which they enjoy in their everyday living under the American way of life. They realize that they have more to be thankful for than just the usual symbols associated with Thanksgiving Day.
j-h-c-a 13 minutes $2.25

DAY OF THE FIGHT (McGH)

Follows the activities of Walter Cartier, middleweight boxer, on the day of a fight.
j-h-c-a 18 minutes $2.65

DAY WITH ENGLISH CHILDREN, A (C)

Takes students to England for breakfast and school, classes and playing cricket, and doing all the simple everyday things. It is an important day, for it teaches students that although these children in another land have different customs, they also have much in common with us.
i-j-h 11 minutes $1.50

DAY WITHOUT NUMBERS, A (WU)

A boy gets his wish for a world without numbers and learns their importance.
i 10 minutes $2.00

DAY'S WORK, THE (UW)

The carpenter and his son proceed to their village shop; the potter moulds the clay and fires the pot; men build a native house and people proceed home for their evening meal. Afterwards the father reads to the family from the sacred rolls of the Torah.

h-c-a 20 minutes $2.65

DEAD END (TFC, Restricted to Classroom Use)

Shows closeness of slums and fashionable homes in New York. The slum boys beat up a rich boy and take his watch. His father catches one of the youngsters who escapes after stabbing his captor's hand. The boy is then persuaded to give himself up and is sent to the reform school.

h-c-a 13 minutes $2.85

DEAD SHOT MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

DEADLY SPIDERS! (LFI)

Illustrates and describes many species of spiders. Warns against the few deadly spiders, and makes suggestions on how to preserve those species which are beneficial to man.

i-j-h-c-a 9 minutes $1.85

DEATH IN THE ARENA (SF)

Bull-fighting scenes in which the matador, Manolete, loses his life.

a 10 minutes $1.85

DEATH VALLEY NATIONAL MONUMENT (PHP, Color)

Shows the scenic grandeur, life, history and resources of Death Valley, California.

i-j-h-c-a 11 minutes $3.00

DECIMAL FRACTIONS (JHP)

Presents, in animation, a simple, direct explanation of how decimal fractions are written and what they mean. Shows in detail their relationship to common fractions, but does not elaborate on how they are converted.

i-j-h 11 minutes $1.50

DECIMALS ARE EASY (C)

By following an inductive plan, this film teaches that decimals are an integral part of our number system. First, they are used as an important element of everyday living. Then the film points out the decimals specifically and shows what they mean in terms of the whole decimal system of numbers. Slightly more difficult computations are given at the close of the film, summarizing addition, subtraction, multiplication and division of decimals.

i-j 11 minutes $1.50

DECISION AT WILLIAMSBURG (CWI, Color)

Still color transparencies and historical paintings, drawings, maps, and photographs are used as the basis for this motion picture. Dramatic depiction of American period from the Stamp Act to the surrender of Cornwallis along with the causes and events of the American Revolution throughout the thirteen colonies.

i-j-h-c-a 22 minutes $4.25

DECISION FOR BILL (UW, Color)

A sophomore in college seeks advice for type of work for which he should try to fit himself. He is told of activities conducted by the U.S. Department of Agriculture in which scientists, technicians, and administrators are employed.

j-h-a 25 minutes $4.00

DECISIONS (OOC, Color)

A foreign agent, leader of a subversive group in America, is won over to the American way after living in the United States and seeing the benefits derived from independent trade and free competition. Using the distribution and transportation of oil by pipelines as an example, he explains his ideas to one of his group.

h-c-a 30 minutes $1.00

DECLARATION OF INDEPENDENCE (TFC, Color, Restricted to Classroom Use)

The picture opens with a dramatic foreword to the effect that if American independence had failed, the signers of the Declaration of Independence would have signed their own death warrants.

Delegates from the various colonies are shown on their way to Philadelphia. Hancock presides in the convention hall where there is considerable discussion. Rodney is the only delegate to return home; and when word reaches him that his vote is needed, he makes a fast ride of eighty miles. Though he is shot at on the way, he escapes, and with his vote the independence issue is carried. The picture closes with the ringing of the Liberty Bell.

i-j-h-c 20 minutes $4.25

DECORATIVE METALWORK (GAF)

First various articles made of different metals are shown and then the particular project to be undertaken here is outlined. A rough free-hand sketch of the design is made and then it is accurately drawn. The metal is flattened, cleaned and a thin coat of wax is applied. The pencil lines are transferred to the waxed metal. Steel wool is used to rub off the wax. The edges are filed and smoothed with emery cloth. The entire back and parts of the design not to be etched are painted with asphaltum. The design is cleaned and smoothed. The edges are waxed. A solution of water and nitric acid is made and tested with a serpa of metal. The bracelet is taken out and dried. Turpentine removes the asphaltum. It is placed on a bracelet bender and polished with a fine emery cloth. A young girl puts the bracelet on her wrist.

j-h-c 11 minutes $1.85

DEEPER ACRES (NFA, Color)

A young man going to agricultural college puts the practices he learns there to work. Use of strip cropping, good fertilizer, and improved cropping methods enable him to get more yield from the land, eliminating the necessity for buying more land. Film emphasizes the fact that farming is not a static occupation — new methods are constantly being found.

h-c-a 20 minutes $1.00

DEER AND ITS RELATIVES (C)

Family scenes of the Virginia deer, wapiti, fallow deer, Bactrian camel, dromedary, the alpaca and llama of South America and the African cousin, the giraffe.

p-i 10 minutes $1.50

DEER LIVE WITH DANGER (EB, Color)

Shows the struggle for survival among animals of the north woods. Investigates the effects of man upon the deer population.

p-j-h-a 11 minutes $2.70

DEFENDING THE CITY'S HEALTH (EB)

Describes factors which affect the health of cities. The work of a model city health department is portrayed which includes education, gathering statistics, nursing, supervising sanitation, laboratory analyses, child hygiene, and a comprehensive sequence on the control of communicable diseases. The role of the individual citizen in a health program is stressed.

j-h-c 11 minutes $1.50

DEFENSE AGAINST INVASION (UW, Color)

Explains simply through animation and actual photography how vaccination makes the body immune to disease.

i-j-h-c-a 12 minutes $2.65

DEFENSIVE FOOTWORK IN BASKETBALL (EB)

Teaches stance, striding with an opponent, checking arm and footwork, pivoting and taking positions.

j-h-c 10 minutes $1.50

DEFINING DEMOCRACY (EB)

This combined version of the popular single reel films, DEMOCRACY and DESPOTISM, gives the audience an excellent chance to help discuss and measure democracy. Conditions in a community which cause growth toward democracy, or despotism are discussed. This film offers an excellent short definition of democracy.

j-h 15 minutes $2.65

DEMOCRACY (EB)

Explains and illustrates two characteristics of democracy which are: shared respect and shared power.

j-h-c 10 minutes $1.50

DEMOCRACY OF BASEBALL (ANL)

History of baseball featuring some of the past and present stars of professional baseball including Connie Mack, John McGraw, Babe Ruth, Ty Cobb and Tris Speaker.

j-h-c-a 20 minutes $2.65

DEMOCRACY'S DIARY (McGH)

The story of modern journalism, using the New York *Times* as an example.

j-h-a 16 minutes $2.65

DENMARK (INF)

Surveys the life and work of the people of the country.

j-h-c-a 10 minutes $1.85

DENTAL HEALTH: WHY AND HOW (C)

Presents a dramatic review of what research and experimentation have done to promote better dental health for the American public. Brings you an up-to-date report on diet and its relation to the growth and decay of teeth, new sodium fluoride applications, and the latest techniques of oral hygiene. The coveted Seal of Approval of the American Dental Association has been awarded to DENTAL HEALTH: WHY AND HOW.

i-j-h-a 11 minutes $1.50

DENTISTRY A CAREER (VGF)

Presents an interesting study in the education of young men for the dental profession. Educational prerequisites for entrance to a dental college are discussed. Film presents a survey of the four year course of study, with shots in the lecture room, laboratory and clinic. Actual laboratory technique is demonstrated and students use complicated apparatus. Classes in gross anatomy, chemistry, bacteriology, dental anatomy and other advanced courses are shown. Opportunities open to graduates are explained, such as: Internships in hospitals and children's clinics, appointments in government public health service and state departments of health.

j-h 20 minutes $2.65

DEPTHS OF SPACE, THE — EXTERIOR GALAXIES (ISO)

Enables the analyzing of the general contents of space to a photographic limit of two billion light years.

j-h-c-a 10 minutes $1.85

A JOB FOR BOB

High school students will benefit greatly from this fine presentation of the way Christianity works out in daily living and in the selection of a vocation.

30 MINUTES RUNNING TIME **$8.00 PER WEEK**

DERIVATION OF PASCAL'S LAW: PART I (UW)

Shows that oil is lighter than water; defines density, pressure and force; and explains how to determine each in a given amount of fluid.

h-c-a 20 minutes $2.65

DERIVATION OF PASCAL'S LAW: PART II (UW)

Shows several experiments that prove that liquids transfer force equally to all parts of the container. Repeats Pascal's law.

h-c-a 20 minutes $2.65

DESCRIBING AN INCIDENT (C)

Here is an incident poorly described, and then the same incident interestingly, completely, colorfully described. This film is an unusual participation device which stimulates class interest in the development of descriptive ability.

j-h 10 minutes $1.50

DESCRIPTIVE GEOMETRY: FINDING LINES OF INTERSECTION BETWEEN TWO SOLIDS (UW)

Explains, carefully and in detail, how to determine the lines of intersection of two solids in making drawings of the solids as they will be joined.

c-a 20 minutes $2.65

DESERT DEMONS

(TFC, Restricted to Classroom Use)

American desert animals, quiet all day among the cacti, venture forth in the cooler night atmosphere. No commentary.

h-c-a 10 minutes $1.85

DESERT NOMADS—FRENCH MOROCCO (UW)

This film presents the life of Nomads who are found in some dry-land regions of the world. They wander from place to place in search of pasturage of their animals, but return to water spots to exchange animal products for agricultural products. We see tribes of nomads in the Sahara, south of the Atlas Mountains, wandering from place to place in search of grass for their animals, but always returning to the oasis to exchange their products for agricultural crops. These people, like all desert tribes, are dependent upon the camel for transport.

i-j-h 22 minutes $2.65

DESERT PATROL

(TFC, Restricted to Classroom Use)

Here we have life in and about a military post on the Libyan desert. When the picture opens, it is sunrise; the dromedaries are rousing themselves; the bugler calls the soldiers to breakfast. Water is drawn from a deep well using a crude leather pouch.

At an oasis, children swim; women do the family washing. The dromedaries are fed their oats and are sheared; their hair, to be used for coat making, is cleaned and spun by the women.

After a dance by a veiled native, which is accompanied by the wild hand clapping of the spectators, the patrol leaves in body, breaks into groups of three, each group going to its post. There are views of the wind-blown sands of the desert, of camels reclining during a sandstorm, and of the oasis with the sentinel who has remained to keep watch.

general 9 minutes $1.85

DESERT VICTORY (UW)

The story of the British Eighth Army's defeat of General Rommel in Africa. Shows the stand at El Alemein, then the gradual build-up of forces, and finally the attack. The break-through follows, and then the historic rapid advance through Tripoli that led to the final defeat of the Afrika Korps.

general 60 minutes $6.00

DESIGN FOR LEARNING (PHSP, Color)

Presents the progressive steps in the construction of a modern high school — Acalanes High School, Lafayette, California.

c-a 20 minutes $4.25

DESIGNING A SET (IFB, Color)

Director, stage designer, and technician are seen making rough sketches followed by scale drawings of basic ideas.

h-c-a 10 minutes $3.00

DESPOTISM (EB)

Presents scale on which all communities can be measured and illustrates effects of concentration of power, control of communication, slanted distribution of wealth and restricted respect.

j-h-c 10 minutes $1.50

DEVELOPING FRIENDSHIPS (C)

It is vitally important that young people understand and appreciate "friends" and that they understand how real friendships are developed and maintained. This film accomplishes those objectives while showing that real friends make a person better than he or she already is.

h-c-a 11 minutes $1.50

DEVELOPING IMAGINATION (C)

Can a person actually develop his imagination? Is there a simple way to use imagination so it will enrich reading, writing, speaking, problem solving? The answer is "yes" and this film will interest boys and girls in the value of imagination and help them to develop and relate imagination to its many study and social functions.

j-h-c-a 11 minutes $1.50

DEVELOPING LEADERSHIP (C)

Bert knew what to do when a flood struck Greenview. With enthusiasm, vision, and imagination — with readiness to assume responsibility, he directed a job well done. This film will help to develop those leadership qualities in everyone who sees it.

h-c 10 minutes $1.85

DEVELOPING RESPONSIBILITY (C)

The story of a boy and of the dog that he wants very badly, which teaches lessons in responsibility. It is seen that although responsibilities often entail hard work, difficult decisions, and missing out on some fun, the rewards, both material and spiritual, more than compensate, and that through planning and determination, a fuller, happier life will be in the offing.

p-i-j 10 minutes $1.85

DEVELOPING SELF-RELIANCE (C)

How dependency grows and yet how necessary self-reliance is to all successful endeavor and happiness is shown. Analyzes the steps in developing self-reliance as: assume responsibility, be informed, know where you are going, and make your own decisions. A careful distinction is drawn between dependence — which is desirable — and seeking advice and help, which is part of being intelligently self-reliant.

j-h 11 minutes $1.50

DEVELOPING SHORTHAND SPEED (McGH)

Demonstrates the teaching of shorthand in actual classroom situations. Other titles in the GREGG SHORTHAND SIMPLIFIED SERIES are: First Lesson in Gregg Shorthand Simplified, Typical Lesson in Gregg Shorthand Simplified, Teaching Marginal Reminders, Developing Shorthand Speed, Doing Homework in Gregg Shorthand Simplified, and Doing Homework in Gregg Shorthand Simplified, Functional Method.

h-c-a 14 minutes $2.65

DEVELOPING YOUR CHARACTER (C)

What good character is and how it can be achieved in order to live more happily and more successfully is brought out. The influences from the home, church, school, and friends that mold an individual's character are described and a guide to developing this character is presented.

i-j-h 10 minutes $1.85

DEVELOPMENT OF A STANDARD, THE (CAA)

Explains the working of ICAO and how the technical standards are developed. Emphasizes the great amount of work and thought and care behind each one and the spirit of international co-operation in which this work is done.

h-c-a 18 minutes Handling charge, $1.00

DEVELOPMENT OF COMMUNICATION (EB)

In this picture the most important aspects of the long story of man's human communication are shown. Not only are the devices of communication shown, but the social, cultural and economic effects of these devices upon human living are clearly presented.

j-h-c 11 minutes $1.50

DEVELOPMENT OF THE CHICK, THE (UW)

Shows the development of the chick throughout the period of incubation. By means of a series of photographs taken at various stages, the hatching process and the subsequent growth of the chick to maturity are seen in detail. Growth processes and movements are sped up due to the film's independence of actual time.

h-c 10 minutes $1.85

DEVELOPMENT OF THE CHICK EMBRYO (C, Color)

Living chick embryos are seen during the key stages of development from the early embryo as a germinal spot on the egg yolk, to the emergence of the chick from the shell.

j-h-c 5 minutes $2.70

DEVELOPMENT OF TRANSPORTATION (EB)

Transportation developments within the United States during the past one hundred fifty years; the physical barriers, the spread of the railroad network, and the subsequent highway development; principal stages in the development of the locomotive and automobile; modern transportation devices, including the airplane, in relation to their potentialities and our dependence upon them.

i-j-h 11 minutes $1.50

DEVELOPMENTAL CHARACTERISTICS OF PREADOLESCENTS (McGH)

Presents a study of the behavior patterns of eight- and nine-year-old children which can be utilized as a basis for developing a curriculum that succeeds in providing satisfactory educational experiences for children of this age group.

c-a 18 minutes $3.00

DEVIL FIGHTS BACK (WFFD)

The struggle between the forces of good and evil in central Africa. The story of Mutana an African chief with two wives who decides to become a Christian and struggles with the devil and after heartbreaking misfortunes comes out on top.

h-a 44 minutes $4.45

DEVIL IS A SISSY (ELECTROCUTION SEQUENCE) (TFC, Restricted to Classroom Use)

Boy whose father is to be electrocuted goes to school and speaks proudly of his father to a friend, suffers deeply during moments of electrocution, tries to comfort mother, and the next day boasts of his father's toughness.

c-a 9 minutes $1.85

DEVIL IS A SISSY (GANG SEQUENCE) (TFC, Restricted to Classroom Use)

A British boy entering an American school in the slums is made to suffer by boys whose standards differ from his own. His father helps him to be accepted by the gang by teaching him to box. He knocks a fellow down in a street fight and is then permitted to be a member of the group.

j-h-a 20 minutes $2.65

DEVIL IS A SISSY (JUVENILE COURT SEQUENCE) (TFC, Restricted to Classroom Use)

Boy from New York City's slums, with two friends, steal and pawn toys to gather money for boy to buy a tombstone for his father, and they are caught. Reactions of parents differ in each case. The boys refuse to talk until finally one of them admits it was his mother's house and his own toys involved. Judge tries to handle situation constructively.

j-h-c-a 16 minutes $2.65

DIAGNOSIS AND PLANNING ADJUSTMENTS IN COUNSELING (McGH)

Designed as a companion to the film USING ANALYTICAL TOOLS. Discusses the successive steps in counseling; searching for the cause, easing anxieties and strain, planning courses of action and making new adjustments.

c-a 18 minutes $3.00

DIAMONDS IN THE ROUGH (TFC, Restricted to Classroom Use)

South Africa's diamond mines. Shows blasting in the pits to loosen the dirt. Then the "blue ground" is carried up to be crushed and washed. The diamonds, washed out, are sent to Belgium, the United States, and various other places to be cut and polished.

general 9 minutes $1.85

DIARY OF A SERGEANT (OWI)

Real-life story of the rehabilitation of a U. S. soldier who sacrificed his hands for his country.

general 22 minutes $2.65

DIES AND DIE MAKING: BLANKING TOOLS (FP)

This subject is broken into two parts; the first reel treats the elementary principles of dies and their construction. The different important types of blanking tools are shown. The simple open die, the parting tool, the progressive tool and the compound tool.

j-h-c 10 minutes $1.85

DIES AND DIE MAKING: FORMING TOOLS (FP)

This reel is the second part of Dies and Die Making. It covers the bending, forming and drawing of metal in dies. The two reels present the practical points that are essential to the correct operation of press tools.

j-h-c 10 minutes $1.85

DIESEL ENGINE (UW)

An introductory survey of diesel engines, showing their principles, uses, and principal types.

j-h-c 29 minutes $3.70

DIESEL ENGINE — SCAVENGING AND SUPERCHARGING DIESEL ENGINES (UW)

Shows the operation of the two-stroke cycle single and double acting engines and opposed piston engines; discusses method of scavenging and supercharging air.

c-a 15 minutes $2.65

DIESEL LUBRICATION AND COOLING SYSTEMS (UW)

Pictures parts of diesel lubricating and cooling systems and how they work in relation to each other.

h-c-a 10 minutes $1.85

DIESEL, THE MODERN POWER (USBM)

New sources of power always seem to have a romantic appeal. So it is with Diesel motors. Much interest has been evinced and many prophecies have been made. Here is a film that traces the development of the Diesel motor from a single crude cylinder to the mighty banks of engines that propel the latest streamlined trains.

j-h-c 20 minutes $2.65

DIESEL STORY (SOC)

Film traces the development of the early internal combustion engines and explains the principles and working of the modern four-stroke engine of today.

j-h-c-a 20 minutes $1.00

DIGESTION: PART I (UW)

Study of the mechanical and muscular processes involved in the digestion of food.

j-h-c-a 15 minutes $2.65

DIGESTION: PART II (UW)

Shows chemical changes involved in the digestion of the three main types of foods — carbohydrates, proteins and fats.

j-h-c-a 18 minutes $2.65

DIGESTION OF FOODS (EB)

In this film both the mechanical and the chemical aspects of digestion are presented, together with their controlling factors. Among the mechanical processes included are mastication, swallowing, stomach contractions, intestinal segmentation, and intestinal peristalsis. Among the chemical processes presented are the production of saliva and the action of the ptyalin on starch, the production of gastric juice and the action of pepsin on albumin, and the production of pancreatic juice and the action of lipase on fats.

j-h-c 11 minutes $1.50

DIGGING INTO HISTORY: PART I — EXPLORATION (UI, Color)

An expedition from the University of Illinois travels to the lower Illinois River and finds traces of an early Indian village. It uncovers a house 40 feet in diameter and finds a skeleton of a dog, a small child, pottery, and an old man.

h-c-a 15 minutes $4.00

DIGGING INTO HISTORY: PART II — AN EARLY ILLINI (UI, Color)

An artist sculpts the features with clay over a replica of the skull found in the early Hopewell village discovered on the banks of the lower Illinois River.

h-c-a 15 minutes $4.00

DINING TOGETHER (INF)

Emphasizes the manners and conduct of two small boys at a family Thanksgiving dinner at which guests are present.

j-h 22 minutes $2.65

DINNER PARTY AND DINNER PARTY REVIEW (SM)

Proper table etiquette is presented in dramatized form by a group of teen-agers who are attending a birthday party honoring the host. A full three course dinner is served consisting of the usual soup, meat and dessert.

j-h-c 22 minutes $3.00

DIODE (USOE)

Explains the principles of electron flow in a diode tube, photoelectric cells and X-ray tubes.

j-h-c 17 minutes $3.00

DIRECTING A PLAY (IFB)

Dr. Gnesin of the Goodman School shows how "Business" of characters is developed and how rehearsals are conducted. An adaptation by Louise Dale Spoor of Mark Twain's "Tom Sawyer" serves as an illustrative example.

h-c-a 10 minutes $2.00

DISASTER CONTROL (McGH)

A "blueprint" for the formation of a functioning "disaster control organization" in an industrial plant.

a 21 minutes $3.00

DISASTER ON MAIN STREET (UW)

Raises the question: "What would happen if atom bombs fell there?" Illustrates the need for civilian defense preparations by showing what happened when bombs fell on London, Hamburg, Berlin, and Japan.

h-c-a 10 minutes $2.65

DISCIPLINE: GIVING ORDERS (CAA)

Stresses the importance of disciplining a person properly and giving orders clearly; shows the results obtained in an office where emphasis is placed on gaining the workers' confidence and one making threats and instilling fear in the employees.

h-c-a 15 minutes Handling charge, $1.00

DISCIPLINE: REPRIMANDING (CAA)

Shows several examples of proper and improper reprimanding of employees by supervisors and how the efficiency and production of an office can be increased or decreased depending on how the situation is handled.

h-c-a 8 minutes Handling charge, $1.00

DISCOVER HAWAII (CIP, Color)

Newest and most complete record of Hawaii to be shown on film. The discovery of the Island and the ocean surrounding it along with the food of the inhabitants, their industry and way of life are beautifully filmed by Geaorg Tahara. The real people of Hawaii at work and play.

j-h-c-a 20 minutes $4.25

DISCOVERING THE LIBRARY (C, B & W or Color)

The public library with its many features is a wonderful place for children. Bobby visits the children's section where he finds not only books, but storytelling, catalogues, special book lists and in short finds that the library is a fun filled place.

i-j 10 minutes B&W $1.50, Color $2.70

DISCOVERY AND EXPLORATION (EB)

Describes, with animated drawings, the North American territory involved during the period of discovery and exploration from 1492 to 1700. Sequences include paths followed by explorers from the Old World in seeking new routes to the east; the Spanish conquests; early northeast trade routes; and mid-continent developments. The narration gives due significance to the human motives involved.

j-h-c 11 minutes $1.50

DISCUSSION IN DEMOCRACY (C)

What a world of difference there is between the constructive results of a well-organized, democratic discussion and those of a mere argument. In this film story, a typical group of students learn, through expert advice and through their own experiences, the relationship of organized discussion to a democratic society . . . and they develop a three-fold program for the leader and the participants in any discussion, involving: 1) Preparation, 2) Planning, 3) Personalities.

j-h-c 10 minutes $1.50

DISCUSSION IN THE SOCIAL SCIENCES (EB)

Illustrates an on-the-spot record of an unrehearsed discussion in a first-year college class in social science. Presents discussion as a method of teaching by showing students and teacher examining Horace Mann's essay on free universal education. Points out the role of the instructor as a guide, and illustrates the contribution of the students to a well-planned, skillfully executed discussion period.

h-c-a 22 minutes $3.00

DISCUSSION PROBLEMS: THE BULLY (YA)

The dramatization of a situation revolving around the too-aggressive boy, designed to provoke discussion on this everyday group problem.

i-j 10 minutes $1.85

DISCUSSION PROBLEMS: CHEATING (YA)

The dramatic portrayal of a situation in which cheating occurs in the classroom, designed to stimulate discussion of the causes and effects of cheating as a form of dishonesty.

i-j-h 10 minutes $1.85

DISCUSSION PROBLEMS: THE GOOD LOSER (YA)

A boy who is accustomed to winning finds himself in the role of the loser. In this unfamiliar situation, he has difficulty in accepting his defeat gracefully.

p-j-h 13 minutes $2.65

DISCUSSION PROBLEMS: THE GRIPER (YA)

A boy who comes from a family of gripers is snubbed by his school friends when he constantly spoils their fun. The viewer is asked to help solve his problem.

i-j-h 10 minutes $1.85

DISCUSSION PROBLEMS: THE OTHER FELLOW'S FEELINGS (YA)

The everyday problem of teasing or ridicule that is prolonged to the point where it does serious damage to someone's feelings. Designed to stimulate group discussion on this general problem.

i-j 10 minutes $1.85

DISCUSSION PROBLEMS: OTHER PEOPLE'S PROPERTY (YA)

A story revolving around damage to school property in which three boys start out on a prank which "snowballs" far beyond their original intentions.

i-j 10 minutes $1.85

DISCUSSION PROBLEMS: THE OUTSIDER (YA)

Shows a young girl who feels that she is rejected by her school group.

i-j 10 minutes $1.85

DISCUSSION PROBLEMS: THE PROCRASTINATOR (YA)

Pictures the re-enactment of a situation in which procrastination on the part of one of the student leaders almost ruins plans for a class party.

i-j-h 10 minutes $1.85

DISCUSSION PROBLEMS: RESPONSIBILITY (YA)

Dramatizes the story of a high school boy who finds difficulty in meeting and carrying through his responsibilities.

i-j-h 14 minutes $2.65

DISCUSSION PROBLEMS: THE SHOW-OFF (YA)

A boy gives his high school class a bad reputation by always showing off and thus causing trouble. The viewer is asked to help solve the class's problem.

i-j-h 10 minutes $1.85

DISCUSSION PROBLEMS: WHAT ABOUT DRINKING (YA)

Designed to stimulate adolescents to discuss and arrive at desirable attitudes regarding the use of alcohol.

j-h-a 14 minutes $2.65

DISCUSSION TECHNIQUE (UW)

Shows how to conduct a discussion among enlisted personnel by the use of the forum, panel, symposium, debate, conference and informal groups.

h-c-a 28 minutes $3.70

DISTANCE RACES (EB)

The style of the distance runner, 1,000 to 10,000 meters, is contrasted with that of the dash man. Differences in typical physiques are shown. Slow-motion scenes analyze particular movements.

j-h-c 11 minutes $1.50

DISTRIBUTING AMERICA'S GOODS (EB)

Shows present sources of transportation costs to producer, wholesaler, retailer and some ways distributors and consumers can cooperate to reduce distribution costs.

j-h-c 10 minutes $1.50

DISTRIBUTING HEAT ENERGY (EB)

Four sequences of scenes make up the content of this production prepared for junior high school general science instruction. The first sequence deals with different kinds of heat sources — coal, oil, gas, electricity, and wood. A second sequence demonstrates how furnace fuels are burned in coal, oil, and gas furnaces. The third sequence treats the development of home heating from the Colonial fireplace to the modern steam radiator. In the fourth sequence the mechanics of heat transfer by conduction, by convection, and by radiation are presented.

i-j-h 11 minutes $1.50

DISTRIBUTION OF FOODS (EB)

Pictures the technical developments and economic problems connected with the preservation and transportation of food. Animated maps illustrate tariff barriers and food movement.

j-h-c 10 minutes $1.50

DITCHING WITHOUT HEDGING (CAA)

Shows how a plane may be ditched in water in such a manner that the pilot has time to escape.

c-a 22 minutes Handling charge, $1.00

DIVIDE AND CONQUER (OWI)

Hitler's strategy of lies and treachery in his plan for over-running Europe is graphically described in this film. Allied and captured Axis newsreels, news headlines and animation are skillfully blended to show how the Nazi Fuehrer softened his victims with propaganda and then launched his treacherous attacks. The actual crackling of fire and the crumbling of brick is realistically recorded with live sound. The calm, intelligent commentary has a very persuasive effect.

h-c 58 minutes $6.00

DIVIDE AND CONQUER — Short Version (OWI)

A shortened version of the longer film of the same name in the Visual Aids library. In telling the story of Hitler's early conquests, this film emphasizes the part advance propaganda had in the victories. Shows how the ground was prepared by whispering campaigns, and by propaganda broadcasts before the actual war broke out, so that the armies had little to do but march in — the fighting had been done in advance.

h-c 19 minutes $2.65

DIVINE FLOWER, THE (MTP, Color)

Shows how Colorado carnations are grown, packed, and shipped for use as a fashion flower for personal adornment and in the home.

h-c-a 20 minutes $4.85

DIVING FUNDAMENTALS (OF)

Brief history of the sport of diving with various points explained and demonstrated. Instructor is Fred Cady, University of California, who has coached American Olympic teams.

h-c-a 11 minutes $2.00

DIVISION IS EASY (C)

A companion film to MULTIPLICATION IS EASY, it helps children to understand division, to know why division is important, and to know what to learn in order to master this basic arithmetical process. The film may be used to introduce the study, to enrich it, or to review it in later grades.

p-i-j 11 minutes $1.50

DIZZY ACROBAT (UW)

Woody Woodpecker tries to sneak into a circus. The results are really dizzy.

general 8 minutes $1.00

DIZZY PILOT, THE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

DO BETTER ON YOUR EXAMINATIONS (C)

Four basic rules that students can follow to do better on their examinations are presented. These rules are demonstrated and the various types of exams — and the purposes of them — are presented. Students see, too, how to prepare for tests and learn how to cultivate a positive attitude towards tests by understanding the purposes, objectives and values of examinations.

j-h-c-a 11 minutes $1.50

DO I WANT TO BE A SECRETARY? (C)

Shows not only the skills, personal qualities, educational requisites and principle duties of a secretary, but also how one girl in a beginning secretarial course is assisted in deciding if she wants to be a secretary.

h 11 minutes $1.50

DO UNTO ANIMALS (USDA)

Shows how livestock often are injured and killed in the process of marketing and outlines approved methods in transporting and handling that will reduce yearly loss of $12,000,000.

j-h-c 20 minutes $2.65

DO WORDS EVER FOOL YOU? (C)

Simple situations illustrate word problems in human relationships, in business, and in politics.

i-j 11 minutes $1.85

DOCTOR, THE (EB)

Develops an appreciation for the significant role of the medical doctor in modern life. Follows a child specialist through a typical day at his office, at the hospital, and at the home of a patient. Reveals him at such duties as those of making a physical examination, vaccinating a baby, visiting his hospital patients, and diagnosing a case of measles.

p-i 11 minutes $1.50

DOCTOR SPEAKS HIS MIND, THE (ACS)

This film was planned, not to give members of an audience the medical and scientific facts and figures of cancer, but rather to stimulate their interest to the point where they will be eager to learn such facts from their doctor. The film is used to best advantage as an introduction for a professional speaker who may be qualified to discuss the medical and scientific aspects of cancer.

general 22 minutes $1.00

DR. SPOCK (McGH)

Presents the theories and practice of Dr. Spock and his suggestions to parents for dealing with children from infancy to the age of six.

h-c-a 27 minutes $3.70

DODDER, THE (EB)

The entire life story of the dodder, one of the best known of the group of parasitic flowering plants, is shown by means of time-lapse photography, accompanied by an explanatory narrative. Among the more impressive features is the presentation of the dodder twining about the host plant. Animation aids in revealing details in the structure and operation of the suckers. The destructive character of this plant is demonstrated as well as its beauty. This film is also listed under Parasitic Plants.

j-h-c 11 minutes $1.50

DOES IT MATTER WHAT YOU THINK? (BIS)

Is an amusing and provocative film for adults and teen-agers by arousing many questions in the mind of its audience. Do you think what you are told to think or do you form independent conclusions? Do you read a newspaper because it expresses your ideas or because you accept its editor's ideas? When you form an opinion, what use do you make of it?

h-c 15 minutes $3.00

DOG CATCHER MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

DOGFISH AS A VERTEBRATE, THE (UW)

Basic plan of vertebrate demonstrated by dogfish.

h-c 19 minutes $2.65

DOING HOMEWORK IN GREGG SHORTHAND SIMPLIFIED (McGH)

Demonstrates the teaching of shorthand in actual classroom situations.

h-c-a 9 minutes $2.00

DOING HOMEWORK IN GREGG SHORTHAND SIMPLIFIED, FUNCTIONAL METHOD (McGH)

Demonstrates the teaching of shorthand in actual classroom situations.

h-c-a 9 minutes $2.00

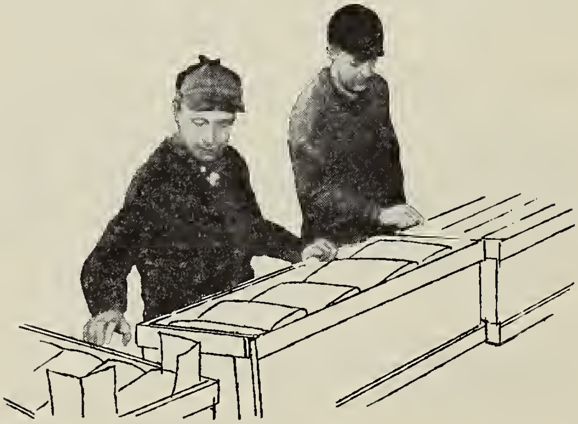
DON PASQUALE (OF)

An abbreviated version of the opera by Donizetti. Filmed on the stage of the Rome Opera House, with Tito Gobbi singing the role of Dr. Malatesta. A narrator describes the course of the action.

h-c-a 33 minutes $4.00

Industrial Management

BARGAINING COLLECTIVELY
INDUSTRIAL ORGANIZATION AND MANAGEMENT SERIES:
    INTERNAL ORGANIZATION
    MATERIALS CONTROL
    PHYSICAL FACILITIES
    PRODUCTION CONTROL
    INDUSTRIAL PURCHASING



DONALD AND MR. GOAT (HFE, Color)

A cartoon with Donald Duck.

p-i 10 minutes $2.00

DONALD DUCK, THE MECHANIC (BF)

Donald, Mickey, and Goofey are gas station attendants. They dismantle an automobile to find that the squeak within it is a cricket. The car is put together in such a manner that the owner shortly finds himself being chased by the motor.

general 5 minutes $1.50

DONALD GETS STUNG (HFE, Color)

A Donald Duck cartoon.

p-i 10 minutes $2.00

DONALD THE JOKER (HFE, Color)

A Donald Duck cartoon.

p-i 10 minutes $2.00

DONALD'S DAY OFF (HFE, Color)

A Donald Duck cartoon.

p-i 10 minutes $2.00

DONALD'S OUTING (HFE, Color)

A Donald Duck cartoon.

p-i 10 minutes $2.00

DONG KINGMAN (COFI, Color)

Illustrates watercolor techniques from beginning sketches to final completion of Dong Kingman, Chinese-American watercolorist. Film also presents his homelife, family, and approach to life and art with background of authentic Chinese music.

i-j-h-c-a 15 minutes $4.85

DON'T BE A SUCKER (UW)

This film points out the dangers of blindly following rabble-rousers who would divide us into mutually hateful groups. In the film a young man pauses to listen to a speaker who blames all social and economic ills on various minorities. A man who had been standing beside him explains that he came to America as a refugee from Nazi Germany where he observed the speaker's technique of sowing hatred utilized by Hitler to enslave the German people.

h-c-a 20 minutes $2.65

DON'T BE AFRAID (EB, Color)

This film is designed to aid youngsters in obtaining a basic understanding of fear. It points out that certain fears are normal, that many will be outgrown, and that others can be overcome.

i-j 11 minutes $2.70

DON'T GET ANGRY (EB, Color)

Explains anger as a natural emotion which cannot be entirely avoided but which can be successfully managed in a mature way. Reveals physiological changes during the period of excitement, and emphasizes control of anger in children and adults.

i-j 11 minutes $2.70

DOORWAYS OF DECISION (SP)

Features the conversion of a sophisticated young wife who has been rebellious about her husband's recent interest in Sunday School.

c-a 20 minutes $2.65

DOPING TECHNIQUE (CAA)

Establishes the necessity for dope in airplane fabric covering and demonstrates the technique of brushing, spraying, sanding, hand rubbing, and waxing.

h-a 10 minutes Handling charge, $1.00

DOUBLE-PLAY KINGS OF BASEBALL (IHSA)

Gives the techniques and functioning of some of the great double-play combinations in American baseball.

general 20 minutes $2.65

DOUBLE WASP WATER INJECTION SYSTEM (CAA, Color)

Explains the principle of the water injection system and demonstrates its effectiveness; also shows how to properly install, service, maintain, and use the Pratt and Whitney water injection system.

c-a 35 minutes Handling charge, $1.00

DOWN THE GASOLINE TRAIL (JH)

In this motion picture an animated drop of gasoline is followed step by step through the fuel system.

As the drop is followed down the gasoline trail, the student sees exactly what happens to gasoline on its trip from gas tank to and through the motor and out the exhaust pipe.

The student sees the pump automatically supplying the right amount of fuel to the carburetor and also the function of the carburetor and its venturi tube in changing gasoline into fine particles of gasoline "dust" or mist. From there the gasoline dust goes into the combustion chamber, explodes, and then the waste passes on through the exhaust pipe.

j-h-c 8 minutes $1.50

DOWN WHERE THE NORTH BEGINS (UW, Color)

Visualizes the high mountains, tropic jungles, and modern cities of Ecuador, highlighting the charm of Quito, the farms, the Indians, the sleeping volcanos, and the pictorial beauty of the country.

j-h-c-a 22 minutes $4.25

DRAFTING TIPS (PSC)

Is intended to give instruction in the use and care of drafting equipment and to emphasize the importance of cleanliness and accuracy in drafting work. It contains instruction on proper sheet layout and the use of an alphabet of lines. Graphically it depicts the best procedure in developing a drawing from beginning to end in the most efficient and accepted manner.

j-h-c 28 minutes $3.70

DRAFTSMAN, THE (VGF)

Describes the characteristics of the drafting profession. In order to understand the similarity between the English language and the graphic language the film shows the comparison between the two types of alphabets used, namely one using letters and the other using lines. It shows how the draftsman makes use of his unspoken language. The technique of drafting, including the proper use of equipment, is also shown. The film also explains the application of drafting in machine design and architecture.

h-c 11 minutes $1.85

DRAFTSMEN OF DREAMS (FI)

Gives effective illustrations of the interplay between inventions and social needs, and highlights the role the Patent Office plays in recording inventions and protecting inventors.

j-h 22 minutes $2.65

DRAWING: THE CIRCLE (YA)

Shows that the circle is one of the basic forms from which many objects are drawn. Gives a number of simple demonstrations.

p-i-j 11 minutes $1.85

DRAWING: THE RECTANGLE (YA)

Explains that the rectangle is one of the basic forms from which many objects are drawn. Gives a number of simple demonstrations.

p-i-j 11 minutes $1.85

DRAWING: THE SQUARE (YA)

Shows that the square is one of the basic forms from which many objects are drawn. Gives a number of simple demonstrations.

p-i-j 11 minutes $1.85

DRAWING: THE TRIANGLE (YA)

Explains that the triangle is one of the basic forms from which many objects are drawn. Gives a number of simple demonstrations.

p-i-j 11 minutes $1.85

DRAWING WITH PENCIL (EB)

Theodore Kautzky, artist and well-known authority in the field of pencil drawing, demonstrates the most effective techniques to be used in the completion of a scene drawn with pencil. An old Colonial New England stone building is the subject.

j-h-c 11 minutes $1.50

DRAWINGS AND THE SHOP (McGH)

Film points up relationship between making the drawing and various production operations in shop and factory. For other titles in this series see ACCORDING TO PLAN: INTRODUCTION TO ENGINEERING DRAWING.

c 15 minutes $2.25

DRESS PARADE (McGH)

Famous dress and millinery designers and how they find inspiration in contemporary life and in museums.

j-h-c-a 16 minutes $2.65

DRILLING A HOLE IN A PIN (UW)

Shows the operations and sequences followed when drilling a hole in each end of a steel pin. Two methods are shown: drilling to a layout; and drilling with a jig.

h-c-a 10 minutes $1.85

DRILLING AND TAPPING CAST STEEL (UW)

Shows the techniques used when drilling and tapping blind holes in cast steel on a radial drill.

h-c-a 20 minutes $2.65

DRILLING IN METAL, WOOD AND PLASTICS (UW)

Demonstrates and explains the use of several types of drills suitable for drilling in different metals, woods, or plastics.

h-a 23 minutes $2.65

DRILLING TO A LAYOUT AND SPOTFACING CAST IRON (UW)

Shows the techniques used when drilling to a layout and spotfacing the under side of a flange.

h-c-a 15 minutes $2.65

DRIVEN WESTWARD

(TFC, Restricted to Classroom Use)

Classroom version of the Hollywood production, "Brigham Young," starring Tyrone Power and Linda Darnell.

j-h 30 minutes $3.70

DRIVER TRAINING: ADVANCED TURNING MOVEMENTS (BFS)

Demonstrates the proper methods of making the four basic turning movements in driving — changing from one lane to another, making a left turn at a busy intersection, backing into a parallel parking space, and making a U-turn on a narrow street.

h-c-a 10 minutes $1.85

DRIVING AT NIGHT (FMC)

Part of Driver Education Series produced by Ford. Intended primarily for use in high school driver education courses to supplement classroom study and on-the-road training. Other titles are: DRIVING ON THE HIGHWAY; DRIVING IN THE CITY; PARKING THE CAR; DRIVING UNDER ADVERSE CONDITIONS; CARE OF THE CAR.

h 10 minutes $1.50

DRIVING ECONOMICALLY (GM)

Part of General Motor's Driver Education Series. This particular film covers the basic area of economical automobile operation.

h 17 minutes $2.00

DRIVING IN THE CITY (FMC)

Part of Driver Education Series produced by Ford. Intended primarily for use in high school driver education courses to supplement classroom study and on-the-road training. Other titles are: DRIVING ON THE HIGHWAY; PARKING THE CAR; DRIVING UNDER ADVERSE CONDITIONS; CARE OF THE CAR; DRIVING AT NIGHT.

h 10 minutes $1.85

DRIVING ON THE HIGHWAY (FMC)

Part of Driver Education Series produced by Ford. Intended primarily for use in high school driver education courses to supplement classroom study and on-the-road training. Other titles are: DRIVING IN THE CITY; DRIVING AT NIGHT; PARKING THE CAR; DRIVING UNDER ADVERSE CONDITIONS; CARE OF THE CAR.

h 10 minutes $1.85

DRIVING UNDER ADVERSE CONDITIONS (FMC)

Part of Driver Education Series produced by Ford. Intended primarily for use in high school driver education courses to supplement classroom study and on-the-road training. Other titles are: DRIVING IN THE CITY; DRIVING AT NIGHT; PARKING THE CAR; CARE OF THE CAR; DRIVING ON THE HIGHWAY.

h 10 minutes $1.85

DRUG ADDICTION (EB)

The story of a youthful addict emphasizes the hazards of the use of narcotic drugs. Shows the derivation of various drugs, the causes and physiological effects of drug addiction, and the treatment for those who are addicted.

h-c-a 22 minutes $2.65

DRUMS ALONG THE MOHAWK

(TFC, Restricted to Classroom Use)

Classroom version of the Hollywood production by the same name starring Claudette Colbert and Henry Fonda.

j-h-a 30 minutes $3.70

DRUNK DRIVING (TFC)

An excellent dramatization showing the damage caused by a drunken man at the controls of a car.

Note: Regulations governing the use of films from Teachings Films Custodians have been modified for showing of this film. It may be shown by any non-theatrical group which desires to use it provided no admission is charged.

general 20 minutes $2.65

DUCK AND COVER (ARCP)

Uses cartoons and live action to show young children what to do in case of an atomic attack. After Bert the Turtle sings a song, "Duck and Cover," he demonstrates by ducking into his shell. Then a group of children in school are told by a narrator how to protect themselves during an air raid.

p 10 minutes $1.85

DUCK HUNTERS (HFE, Color)

A cartoon.
p-i 10 minutes $2.00

DUCKING OUT (HFE, Color)

A cartoon.
p-i 10 minutes $2.00

DUE PROCESS OF LAW DENIED
(TFC, Restricted to Classroom Use)

Dramatization of the kind of unlawful trials which were sometimes held in the early days of the West (Nevada 1885). Pictures the dangers of denying due process of law and illustrates convincingly the necessity to recognize the rights of an accused person as guaranteed by the Constitution of the United States. The action and dialogue of the film point up the dangers of mob violence and provide opportunity for discussion with reference to present day problems.
h-c-a 30 minutes $3.70

DUES AND THE UNION (McGH)

Illustrates the value of the union to its members and stresses the importance of paying dues to keep the union operating and enabling the union to aid its members in time of need. A young pipe fitter learns the reason for union activity from an "old-timer" in the trade.
a 20 minutes $3.00

DUTCH TRADITION, THE (OWI)

The fundamentals of the Dutch moral strength in the Allied cause of peace and freedom are brilliantly portrayed in this timely film. Holland made ready for her defenses with the first hint of war. She fought the Nazi invasion to the last weapon and finally opened her canals to flood the Nazi War Machine. How Holland is carrying on with a stubborn resistance against the Nazi regime is fully shown in this picture.
h-c 27 minutes Handling charge, $2.50

DUTCH WAY, THE (FON, Color)

The eternal struggle by the Dutch against their biggest foe — and best friend — water. Explains why the Dutch became pioneers, why they became fighters for freedom. Describes the peaceful growth of the country as more land was added thruout the ages by means of reclamation.
i-j-h-c-a 22 minutes $4.25

DUTIES OF A SECRETARY (NEF)

Demonstrates proper duties of a secretary by showing the wrong and right ways to handle the job. The wrong ways are shown in a dream which a young secretary has on the eve of beginning a new job.
h-c-a 30 minutes $3.70

DWELLERS IN HOT DRY COUNTRIES (EP)

Regional study of desert and semi-desert countries.
j-h 9 minutes $1.50

EACH FOR ALL (BIS)

British factory workers belong to trade unions, which represent them both in the workshop and at the national conference table. Departmental or shop grievances can generally be righted by a brief discussion between management and the workers' representative. The film also shows a meeting of the Trades Union Congress, which represents every kind of trade union in Great Britain.
general 11 minutes $1.50

EARLY ONE MORNING (SC)

An actual Christmas celebration in Sweden. The whole countryside awakens at four o'clock on Christmas morning and all interest is centered on the church and its surrounding graveyard. Pine torches light the way for members of the congregation who have come to the church with their horse-drawn sleighs. Young voices sing the Swedish Glory of the New-born King and the vicar repeats the story of the miracle birth of Christ.
i-j-h-c-a 10 minutes $2.50
(one day only)

EARLY SETTLERS OF NEW ENGLAND (EB)

Re-enacts the lot of Salem's hardy pioneers about 1626. Types of people; the proximity of their bark wigwams and dugouts to the seashore; their direct dependence upon the sea and the land for food; the need for mutual assistance; division of labor; care of the sick; problems of crop cultivation; relationships with England; and the background beginnings of American democracy are portrayed.
j-h-c 10 minutes $1.50

EARLY SOCIAL BEHAVIOR (EBF)

The observer sees the manifestations of infant personality in a variety of social settings. Ten different children from eight weeks to seven years of age are studied. Individual differences are emphasized. The social significance of the household is conveyed by scenes which reflect parent-child relationships and interaction between brothers, sisters, and adults.
h-c-a 11 minutes $1.85

EARLY START (IFB)

All kinds of farm clubs in Canada are mentioned.
j-h-c-a 20 minutes $2.65

EARNING MONEY WHILE GOING TO SCHOOL
(C)

The question of doing part-time work while in school is a common one and this film serves as a guide for students considering outside employment. It shows that work after school can be undertaken if it doesn't interfere with school work and recreation. In addition to providing extra money, part-time work is valuable in many other ways; increasing responsibilities, understanding the relation between job work and school work, learning new skills and learning to get along with people.

j-h 11 minutes $1.50

EARS AND HEARING, THE (EB)

Describes the physiology of the human ear by means of animated drawings and close-up photography of the ear as it is functioning. Portrays how parts of the ear operate, and records some of the important kinds of sounds in our environment. Explains common causes of impaired hearing and demonstrates how a hearing aid is used.

j-h 11 minutes $1.50

EARTH (GA)

An exploration beneath the surface of the earth and a view of Grand Canyon reveal the layer composition of the earth.

p 10 minutes $1.85

EARTH AND ITS SEASONS (KB)

The reasons why we have changes of seasons, vernal and autumnal equinoxes and summer and winter solstices are explained and depicted by photography and animated drawings.

i-j-h 11 minutes $1.85

EARTH AND THE SUN'S RAYS (UW)

Three basic concepts are demonstrated with models and animated diagrams: 1) that there is unequal distribution of sun's energy over the earth, because of the earth's tilted axis; 2) that the earth is surrounded by a layer of air; 3) that the angle at which the sun's rays meet the earth affects the temperatures of various regions on the earth.

j-h-c 5 minutes $1.85

EARTH IN MOTION, THE (EB)

Presents realistically the dynamic aspects of the earth as a planet. The earth's sphericity is demonstrated, while rotation is established by star trails and the Foucault pendulum. Proof of the earth's revolution about the sun is presented by motion of the sun in respect to stars and by the annual parallax of stars. The film concludes with phenomena associated with this revolution, such as characteristics of orbit, aphelion and perihelion, law of areas, inclination of axis, and seasons.

j-h-c 11 minutes $1.50

EARTH — LATITUDE AND LONGITUDE (EP)

With a globe, illustrates the meaning of latitude and longitude readings and demonstrates how they are used in locating a ship in distress.

i-j-h 9 minutes $1.85

EARTH MOVERS (OWI)

U. S. Army Engineers and Seabees in action building bridges, roads and airstrips.

general 14 minutes $2.65

EARTH — ROTATION AND REVOLUTION (EP)

With the description of the rotation and revolution of the earth, explains the climate of the various zones and why we have night and day, summer and winter.

i-j-h 9 minutes $1.85

EARTH SINGS, THE (BRF)

Palestinian songs and dances, expressing the theme of an ancient and harassed people returning to the land and the building of a nation.

h-c-a 15 minutes $2.65

EARTHQUAKES (FOC)

A study of the nature, causes, and effects of earthquakes, with special reference to the methods of recording and interpreting seismic phenomena. Extensive use is made of animated drawings to explain the origin and differentiate between volcanic and tectonic earthquakes. Seismographs are shown in operation and their mechanism is carefully explained.

j-h-c 10 minutes $1.85

EARTH'S ROCKY CRUST, THE (EB)

The basic fact of geology — the building up and breaking down of rocks and land forms — is graphically shown through presentation of the water cycle, the formation of rocks, and crumbling of rocks. Animated diagrams, models and illustrative scenes are used in the film to present more clearly the subject matter.

j-h-c 11 minutes $1.50

EARTHWORMS (UW)

The film displays, in microphotographic detail, the anatomy and anatomical functioning of earthworms. It also gives a complete pictorial analysis of the dissection procedure — a vital part of every biology and general science program. In addition, it points up the contributions of the earthworms to soil enrichment.

h-c 10 minutes $1.50

EASIER WAYS OF LOGGING (USFS, Color)

Points out the many sources of information on better logging; shows how woods work can be made more efficient and easier by giving attention to some of the time-proven fundamentals of logging and how good forestry can be an aid to better wood production.

h-c-a 26 minutes $5.20

EAST AFRICA (PHP, Color)

Scenes of the country, animals, people, industry, etc. in Kenya, Tanganyika and Uganda.

i-j-h-c-a 22 minutes $4.25

EAST IN THE WEST (H)

Reviews the activities of Chinese students in American universities, a concrete example of cultural exchange to promote international understanding.

j-h-e-a 33 minutes $3.70

EASTER SEASON, THE — Church Version (C, Color)

Visualization same as below, but narration describes specifically the significance of Easter to Christian Peoples. Emphasizes the importance of Christ's resurrection in the meaning of Easter.

p-i 10 minutes $2.70
One day only during March & April

EASTER SEASON, THE —School Version (C, Color or B&W)

Shows the origins of some of our customs at Eastertime, comparing our Easter observances with the spring festivals of other lands and other times. The background of eggs, rabbits, the sun and moon and bright colors in relation to Easter is portrayed.

p-i 10 minutes Color $2.70, B&W $1.50
One day only during March & April

EASTER SURPRISE (EB, Color)

A little boy surprises his family at Easter time with a pet duck and its newly-hatched ducklings.

p 6 minutes $1.60
(One day only)

EASY IN THE SADDLE (PE, Color)

Shows western and eastern styles of riding. Contains information on the care of horses and the various steps in learning to be a skilled rider. Mostly filmed in the Perry-Mansfield Riding Center at Steamboat Springs, Colorado.

i-j-h-e-a 18 minutes $4.25

EASY STREET (BRF)

The most famous of the Chaplin-Mutual pictures. Charlie, a derelict, wanders into a Mission. Reformed by a minister and the angelic Edna, his first act is to return the collection box he had stolen. There is a street brawl going on in Easy Street, the toughest section of the city. Charlie joins the police force and overcomes the big bully by asphyxiation. He dispenses charity among the poor. In the end, "Love Backed by Force; Forgiveness Sweet, Bring Hope and Peace, to Easy Street." All the reformed inhabitants walk sedately to the New Mission.

j-h-e-a 22 minutes $3.00

EAT FOR HEALTH (EB, Color)

Using the five fingers of the hand as a check-off device, the film identifies a food group with each finger; bread and butter or margerine, milk and cheese, meat and eggs, vegetables and fruits. Using this system Ralph Waller learns to eat a balanced diet and has more fun because of his better health.

i-j 11 minutes $2.70

ECHOES IN WAR AND PEACE (ATT)

The story of radar — how it helped win the war and how it can be adapted to peace-time activities.

h-c-a 27 minutes $1.00

ECLIPSE (ALF)

Pictures of an actual solar eclipse, taken by means of time-lapse photography, illustrate this natural phenomenon.

j-h-a 11 minutes $1.85

EDITOR'S NOTEBOOK, THE (WPP)

A history of the Chicago Daily News. Featured highlights are the sequences devoted to current affairs such as the recent Skid Row expose, the prison investigations of a girl reporter, and the résumé of other famous editorial achievements. Also shown are the physical details of news-gathering and getting out the paper.

h-e-a 33 minutes Handling charge, $1.50

EDUCATION FOR ALL (H, Color)

A brief history of the college of the City of New York produced in cooperation with the faculty centennial committee. Narrated by Ben Grauer.

h-c-a 22 minutes $4.25

EDUCATION FOR DEMOCRACY (MSTA, Color)

With actual classroom scenes, depicts the manner in which Missouri schools achieve the purposes of education in our American democracy as outlined by the Educational Policies Commission of the National Education Association.

e-a 22 minutes $4.25

EDUCATION FOR PEACE (UW)

Explains how the American Friends Service Committee works in behalf of world peace and understanding through international seminars and work camps.

h-c-a 11 minutes $1.85

EDUCATION FOR THE DEAF (BIS)

Shows the methods used in clinics and free schools by which British deaf children are taught to speak.

e-a 51 minutes $6.00

EDUCATION IS GOOD BUSINESS (CPP, B & W or Color)

Shows that where a community, state or nation courageously invests a substantial share of its resources in education, the investment invariably is returned in better business and a higher standard of living.

general 10 minutes B&W $2.00, Color $3.25

EDUCATION OF EXCEPTIONAL CHILDREN (UI, Color)

All phases of a well-rounded, nationally recognized program for the education of exceptional and handicapped children is depicted. Programs in operation to aid the hard of hearing, speech handicapped, mentally retarded, and those individuals with impaired sight are shown.

c-a **25 minutes $5.20**

EDUCATIONAL SYSTEM OF JAPAN (UW)

Shows how, before 1945, the Japanese government exploited education by using school subjects for indoctrinating the people with nationalist feelings.

c-a **32 minutes $3.70**

EFFECTIVE CRITICISM (C)

Outlines types of criticism and the difference between evaluative criticism and instructive criticism, and shows the similarity between the skills of taking criticism well and of giving criticism.

j-h-c-a **10 minutes $1.50**

EGGCRACKER SUITE (UW)

At Oswald's Easter Egg Factory, hens lay eggs, rabbits color them, place them in baskets, and fly them to boys and girls.

p-i **10 minutes $2.00**

EGGS (EB)

Care and feeding of large flocks of hens in laying houses; gathering of eggs from open nests and trap nests; cooling of eggs, and automatic candling, grading, cleaning and packing of eggs for market are shown. Illustrates use of technological methods in modern, large scale egg farming.

i-j-h 11 minutes $1.50

EGGS TO CHICKENS (BFS, Color)

Shows how an egg farm operates. Then depicts the anatomy of the hen, the development of the embryo inside the egg, and the care of young chicks.

i-j 10 minutes $3.00

EGYPT (Inf, Color)

A survey of the life and work of the Egyptian people.

j-h-c-a 10 minutes $2.70

EGYPT — KINGDOM OF THE NILE (FTP)

Here is Egypt and its historic Nile. There is Luxor, built on the site of the ancient city of Thebes. We see the Temple of Luxor. Its massive columns, because of the unusually dry climate, have stood for 3,000 years. Then the ruins of the Temple of Rameses the Second which, the commentator says, was intended by Rameses to be imperishable. In the Valley of Kings, the largest and oldest burial ground known to man, we visit the celebrated tomb of King Tutankhamen. We see a close-up of his likeness on the cover of the sarcophagus which has been left there.

j-h-c 11 minutes $1.50

EIGHT PARTS OF A BUSINESS LETTER (LF)

Shows how mail is handled, why letters are standardized as to form in business, the difference between social and business forms, the heading, the introductory address, the salutation, the body, the complimentary close, the signature, the outside address, the return address, the proper folding and enclosing of business letters, two-page letters, window envelopes, basic display and arrangement.

j-h-c-a 11 minutes $1.85

EIGHTEENTH CENTURY LIFE IN WILLIAMSBURG, VIRGINIA (CWI, Color)

Shows a day in eighteenth-century Williamsburg, particularly in the home of Christopher Kendall, a cabinetmaker.

i-j-h-c-a 44 minutes $5.20

THE 1820 WRIGHT ENGINE: CLEANING UP (CAA)

Covers the cleaning of parts during overhaul. Shows the disassembly of oil pump, carburetor, adapter, priming lines, intake pipes, push-rod housing, valves, and cylinders; the cleaning, proper handling, and stowing of these parts during overhaul.

h-c-a 17 minutes Handling charge, $1.00

ELECTRICAL CIRCUIT FAULTS (UW)

How to test for and locate common circuit faults; and how to test for and locate grounds, resistance deterioration, and interference in circuits.

h-c-a 19 minutes $2.65

ELECTRICAL WORKER, THE (VGF)

A vocational guidance release showing the training necessary for work in the field of electricity.

h-c 10 minutes $1.85

ELECTRICIAN, THE (M)

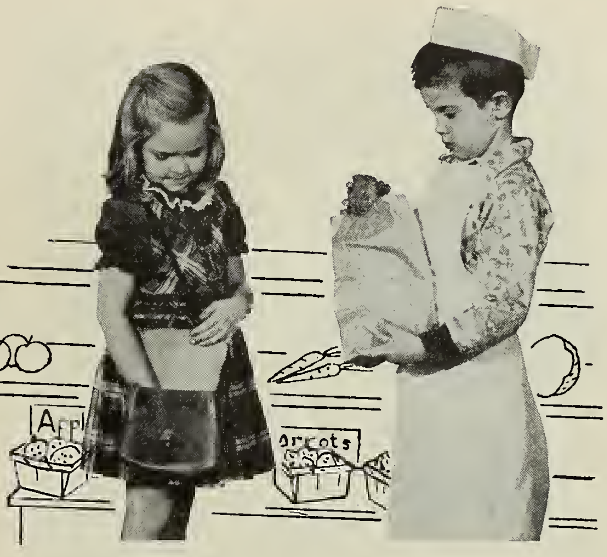
Comprehensively describes the work of the electrician in three major fields — power and lighting, communication, and transportation.

j-h 11 minutes $1.85

What Greater Gift

An inspiration for those considering teaching as a vocation.

30 MINUTES RUNNING TIME **$5.20 PER WEEK**



ELECTRICITY (PRIMARY SCIENCE SERIES) (GA)

Illustrates where electricity comes from and its purpose. Turbines, generators, motors, closed and open circuits, and switches are explained by home-made experiments.

p 10 minutes $1.85

ELECTROCHEMISTRY (EB)

Portrays the electrolytic decomposition of hydrogen chloride and the production of electric current from the action of chlorine and hydrogen on platinum. An explanation of the storage battery integrates both processes. Electro-plating illustrates participation of electrodes; electrorefining illustrates preferential discharge; and electrolysis of sodium chloride to yield caustic soda illustrates participation of the solvent. The production of aluminum from a molten electrolyte concludes the subject.

j-h-c 11 minutes $1.50

ELECTRODYNAMICS (EB)

In this film direct photography demonstrates cause and effect, while animation explains the fundamental principles of current electricity and electro-magnetism. Among the concepts presented are: Galvani's discovery of current electricity; magnetic field about a current-carrying wire; magnetic field of a coil; electro-magnets; Rowland's experiment; magnetic hypothesis; recalescence; induction by a magnet; A. C. generator; D. C. generator; induction by an electric current; and transformers.

j-h-c 11 minutes $1.50

ELECTRO-MAGNETS (YA)

A sequel to the films Magnets and Flow of Electricity, this film introduces the concept of electromagnetism and shows how and why an electro-magnet works as it does. Made especially for science instruction at the elementary school level.

i-j-h 11 minutes $1.85

ELECTRON, THE (USOE)

Illustrates the nature of an electron, electron flow and types, magnetic fields, and induced electron flow.

j-h-c 20 minutes $1.85

ELECTRONS (EB)

By means of various photographic techniques, including animation, the hypothesis that electricity consists of unit elementary charges is supported by observation of phenomena associated with the conduction of electricity in liquids, gases, and vacuums. The conclusion drawn is that the fundamental unit of an electrical charge is the electron.

j-h-c 11 minutes $1.50

ELECTROSTATICS (EB)

Deals with static electricity as fundamental to an understanding of the modern theories of electricity. It explains how positive and negative electrification are produced and by animated drawings shows the part played by insulators and conductors. Natural photography supplemented by animation gives a remarkable exposition of the movement of charges in the electroscope, the Compton electrometer, the static machine, and Nature's display of static electricity, lightning.

j-h-c 11 minutes $1.50

ELEMENTARY BOOKBINDING (GAF)

Produced at Universal School of Handicrafts, Rockefeller Center, New York. A number of books with attractive bindings are seen first. Paper, vellum, buckram, linen and leather samples are shown. Paper for the cover of the book we now see made is decorated by finger painting. It is then laid aside to dry for use later. Sheets of wrapping paper, folded, form the sections or body of the book. After folding, the sections or body of the book are placed between boards and clamped. We see the sewing in and out thru kerfs and inserting of tapes, and the gluing of super or gauge and a strip of firm paper to back of book. A strip of binders' vellum is marked and pasted to the board. Covers are pasted to the board and are rubbed on thoroughly to avoid air blisters. The cover paper is rubbed gently but firmly in place. End sheets are pasted and book is inserted in its covers.

j-h-c 11 minutes $1.85

ELEMENTARY ELECTRICITY (AMPERES, VOLTS AND OHMS) (UW)

Amperes, volts, and ohms; their interrelationship and measurement by instruments.

i-j-h-c-a 8 minutes $1.85

ELEMENTARY ELECTRICITY (CURRENT AND ELECTROMOTIVE FORCE) (UW)

Explains the electron theory, discussing at length the arrangement of molecules, the building up of current, conductors, electromotive force, and resistance.

i-j-h-c-a 10 minutes $1.85

ELEMENTARY HYDRAULICS: PART I — APPLICATION OF PASCAL'S LAW (CAA)

Reviews Pascal's law; studies the input and output pistons and the system in actual motion; demonstrates how work is done by means of a hydraulic system and the measurement of work.

h-c-a 12 minutes Handling charge, $1.00

ELEMENTARY HYDRAULICS: PART II — APPLICATION OF PASCAL'S LAW (CAA)

Demonstrates Pascal's Law, using two output pistons and broadens information contained in a previous film; explains the principles of hydraulic brakes and the hydraulic jack.

h-c-a 15 minutes Handling charge, $1.00

ELEMENTARY HYDRAULICS — CHARACTERISTICS OF HYDRAULIC FLUIDS (CAA)

Explains the essential qualities of hydraulic fluids; points out that they must be able to lubricate moving parts, reduce friction, and prevent wear; must be free of water, rust, and other impurities; must be of proper viscosity for the job.

h-c-a 10 minutes Handling charge, $1.00

ELEMENTARY HYDRAULICS — LIQUID IN MOTION (CAA)

Reviews the principles of liquids at rest; defines and illustrates pressure energy and velocity energy; explains energy output in relation to resistance to flow and illustrates the energy output variance with three different lengths of pipe.

h-c-a 13 minutes Handling charge, $1.00

ELEMENTARY HYDRAULICS — SIMPLE HYDRAULIC SYSTEMS (CAA)

Uses the hydraulic jack and the hydraulic braking system of an automobile to demonstrate the features of simple hydraulic systems.

h-c-a 17 minutes Handling charge, $1.00

ELEMENTARY MANUAL TRAINING (GF)

Produced at the Universal School of Handicrafts, Rockefeller Center, New York. A gift box is displayed, and then a table is seen covered with various samples of this sort of work. The working plan indicates lumber or stock required. The instructor selects various tools and shows the plans to a small boy. The youngster proceeds to measure, saw and plane the various pieces needed. He glues and nails them together. He carves with a veining tool, attaches cleats to the cover and sandpapers the box. He applies a stain and attaches leather hinges. He traces a ship design onto a piece of wood, cuts it out with a coping saw and glues it to the top of the box.

j-h-c 11 minutes $1.85

ELEMENTARY NUCLEAR SERIES: THE NUCLEAR REACTOR (McGH)

Explains how an atomic pile is made up and how chain reaction is controlled. Describes the chain reaction of U-235.

c-a 10 minutes $1.85

ELEMENTARY NUCLEAR SERIES: The U-238 RADIOACTIVE SERIES (McGH)

Explains the principle of nuclear stability. Describes radioactive decay and the change of unstable U-238 to lead (Pb-206), a stable isotope.

c-a 10 minutes $1.85

ELEMENTARY OPERATIONS OF ENGINE LATHE, THE (EB)

This skillfully prepared sound film provides invaluable help in teaching shop practice. The commentator explains each step fully and clearly. Exact alignment of the lathe, detailed procedures in facing, straight turning, and squaring a shoulder, working accurately to dimensions from a drawing, characteristics of principal cutting tools, and use of micrometers are shown.

h-c 10 minutes $1.85

ELEMENTARY SCHOOL CHILDREN: DISCOVERING INDIVIDUAL DIFFERENCES (McGH)

Film takes place in same classroom several weeks after opening day. Useful techniques that every good teacher uses to supplement her own experience and resourcefulness concludes the film.

c-a 25 minutes $3.70

ELEMENTARY SCHOOL CHILDREN: EACH CHILD IS DIFFERENT (McGH)

On the first day of school the teacher is confronted with a group of children, each different in background, abilities, and needs. The teacher must come to understand each child in order to adjust her teaching program to meet their needs. How and what influences are at work is shown in this film.

c-a 17 minutes $2.65

ELEMENTARY SCHOOL TEACHER EDUCATION SERIES:

See CURRICULUM BASED ON CHILD DEVELOPMENT, DEVELOPMENTAL CHARACTERISTICS OF PREADOLESCENTS, ELEMENTARY SCHOOL CHILDREN (2 parts), MAKING LEARNING MORE MEANINGFUL.

ELEMENTARY TACTICS OF LIFESAVING (UW)

Gaining control of the victim by surface and underwater approaches, breaks, and carries, with slow-motion land drill and slow-motion demonstration in water are shown.

j-h-c-a 23 minutes $1.00

ELEMENTARY TEACHER: BEGINNING STUDENT TEACHING (EFLA)

Janet, a student teacher, is seen helping children during their work periods, assisting in playground activities, and assuming responsibilities for group work on a specific unit of study.

c-a 11 minutes $1.85

ELEMENTS OF DESIGN: COMPOSITION (YA)

Discusses composition as one of the basic elements of design, and its function in the art and industry of everyday life.

j-h-c-a 11 minutes $1.85

ELEMENTS OF DESIGN: LIGHT AND SHADE (YA)

Discusses light and shade as one of the basic elements of design, and its function in the art and industry of everyday life.

j-h-c-a 11 minutes $1.85

ELEMENTS OF DESIGN: LINE (YA)

Discusses line as one of the basic elements of design, and its function in the art and industry of everyday life. It shows the effects achieved by use of straight lines, curved lines, S-shaped lines, circles, and their various combinations.

j-h-c-a 11 minutes $1.85

ELEMENTS OF DESIGN: SHAPE (YA)

Discusses shape as one of the basic elements of design, and its function in the art and industry of everyday life. Shows the effects achieved by use of circles, squares, rectangles, triangles, and their various combinations.

j-h-c-a 11 minutes $1.85

ELEMENTS OF ELECTRICAL CIRCUITS (EB)

Animated drawings are extensively used to develop the nature of electric currents and circuits. Electronic motion is clearly demonstrated, as well as the principles underlying conductors, insulators, and the factors affecting resistance.

j-h 11 minutes $1.50

ELEMENTS OF ELECTRICITY (UW)

Analysis of matter, molecule to atom; elementary explanation of proton and electron and their relationship to electricity.

h-c-a 22 minutes $3.00

ELEPHANTS (EB)

Photographed on an animal training farm, this film depicts general characteristics of elephants. Attention is given to their physical features, food, methods of eating, drinking and cleansing themselves. A full-grown elephant is put through a series of tests for a circus buyer who engages the trainer to condition two young elephants. These are shown learning to stand on their front and hind legs, sit on barrels, walk a plank, ring a bell, and obey other commands.

p-i-j 11 minutes $1.50

ELEVATION OF CARDINAL McINTYRE (UW)

Shows events in the life of America's newest Cardinal. Presents scenes from his ministry in the Archdioceses of New York and Los Angeles, as prelude material to his recent trip to Rome.

j-h-c-a 10 minutes $1.85

ELI WHITNEY (EB)

Life story of the inventor of the cotton gin. Relates incidents which call attention to his dreams and faith in his ideas. Portrays him developing the machine which boomed the economy of the South. Describes the experiments in designing tools and building machinery for the manufacture of muskets, which became the technical basis for mass production.

j-h-a 22 minutes $2.65

ELIMINATION (UW)

The structure and functions of the four routes of elimination in the human body are described in detail: skin, kidneys, lung, and colon.

j-h-c-a 12 minutes $2.65

ELIZABETHAN ENGLAND (GA, Color)

Shows scenes and objects seen during the reign of Queen Elizabeth, 1558-1603.

j-h-a 10 minutes $2.70

ELMER GETS A WORKOUT (CAA, Color)

Shows some of the testing work which was done in connection with the development of the Beechcraft safety harness; how the harness works, and what it can do in the way of reducing human injuries and death caused by accidents. Of interest to any group which is concerned with the development of safety devices in connection with vehicles.

h-c-a 10 minutes Handling charge, $1.00

EMBRYOLOGY OF HUMAN BEHAVIOR (IFB, Color)

States that a child grows in accordance with certain universal laws while at the same time developing as an individual along a unique pattern. In sequences of growing children showing the development of eye-hand cordination, the patterning processes of behavior are traced.

c-a 28 minutes $5.20

EMERGENCE OF PERSONALITY (EB)

A combined forum version of the three films in the personality development series: BABY MEETS HIS PARENTS, HELPING THE CHILD TO FACE THE DON'TS, HELPING THE CHILD TO ACCEPT THE DO'S, (for description see individual titles). Explains how the developing personality of the child is influenced by the manner in which his parents provide for his basic needs and prepare him for social living.

h-c-a 33 minutes $3.70

EMERGENCY ACTION TO SAVE LIVES (UW)

Concise pre-first aid course designed to teach basic emergency treatments for injured in atom bomb attack. Produced with cooperation of Federal Civil Defense Administration, it is intended to impart sufficient knowledge of simple first aid so that lives may be saved before the arrival of trained first aid workers.

h-c-a 10 minutes $1.50

EMOTIONAL HEALTH (McGH)

This film has three primary objectives: (1) to convince young people of college age that emotional upsets are common; (2) to show that if a disturbance of this kind is prolonged, the need for professional counsel and care is just as important and normal as with any physical illness; and (3) to explain in simplified language some of the basic techniques of psychiatric treatment and thereby allay some of the stigma attached to the necessity for this treatment. For other titles in this series see BODY CARE AND GROOMING.

c 20 minutes $2.65

ENCHANTED RIVER (C, Color or B & W)

The story from Aesop's Fables of two woodcutters — one a cunning schemer, the other simple and honest — who meet a water nymph. The nymph, by performing magic, punishes the schemer and rewards the honest one.

i-j 10 minutes B&W $1.50, Color $2.70

END TO DARKNESS (BFC)

The story of a typical African boy in Liberia who, in spite of the persecution and threats of the tribal leaders, seeks an education in a Christian school and returns to serve his people.

h-c-a 27 minutes $3.70

ENDOCRINE GLANDS (EB)

Animated and other special photography in this film describe the nature and function of the parathyroid, pituitary pancreas, and thyroid glands. Insulin as related to diabetes; hyper and hypothyroidism; and mammary gland stimulation also are treated.

j-h-c 11 minutes $1.50

ENERGY AND ITS TRANSFORMATION (EB)

Potential, kinetic, and radiant energy, as manifested in mechanical, chemical, and thermal form, are vividly illustrated and explained. The principle of conservation of energy, and the concepts "power" and "work" are demonstrated in experiments. The film closes with a review of present and future sources of energy.

h-c 11 minutes $1.50

ENERGY IN OUR RIVERS (C)

For centuries the quaint old waterwheel turned a grindstone to sharpen man's tools, a millstone to grind his grain. Today massive dams and hydroelectric plants, backed by huge reservoirs of water, furnish electricity to cities and factories, furnish water that turns miles of desert into rich farmland. The amazing and wonderful story which lies between these two eras is unfolded in detail here.

j-h 10 minutes $1.50

ENGINE CHANGE: INSTALLATION (CAA)

Shows the safety precautions to be observed when installing an engine; how to inspect engine mount, controls, and firewall; how to connect controls and attachments; how to ground test the engine; and how to prepare for check flight.

a 17 minutes Handling charge, $1.00

ENGINE CHANGE: REMOVAL (CAA)

Shows the safety precautions to be observed when removing an engine; how to disconnect controls and attachments; how to remove the engine; how to inspect the mount, firewall and controls.

a 17 minutes Handling charge, $1.00

ENGINE TESTS AND TUNE UP (UW)

Reviews how to adjust the automatic choke; how to check and adjust ignition; how to time the ignition; how to check and adjust valve tappets; how to adjust the carburetor; and explains how to make vacuum gage tests.

h-c-a 18 minutes $2.65

ENGINEER MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

ENGINEERING (M)

Shows the work being done in the various engineering fields.

j-h 11 minutes $1.85

ENGINEERING DRAWING SERIES: PICTORIAL SKETCHING (McGH)

In conjunction with French and Vierck's book *Engineering Drawing,* illustrates the three types of pictorial sketching: axonometric, oblique, and perspective.

c-a 10 minutes $1.85

ENGINEERING RESEARCH AT THE UNIVERSITY OF ILLINOIS (SPV)

Shows the research being made in heating and refrigeration, in testing cement and steel, and in producing better railway wheels and rails. This is a good vocational guidance film.

h-c-a 15 minutes $2.65

ENGLAND (IFI, Color)

Tours England and stresses its importance as a manufacturing center.

h-c-a 10 minutes $2.70

ENGLAND: BACKGROUND OF LITERATURE (C, B & W or Color)

Takes students to England to show them that storied land as the inspiration for the nation's greatest writers — the London of Chaucer, Dickens, and Browning — the countryside which was so meaningful to Shakespeare, Keats, Wordsworth, and Kipling — and the sea, as Coleridge, Conrad, and Masefield wrote of it.

j-h-c 11 minutes B&W $1.50,
Color $2.70

ENGLISH CHILDREN (EB)

The film portrays typical events in the daily life of an English city family. Particular emphasis is laid on activities of the children. American youngsters will enjoy observing English children at school, at play, at home, and on a holiday trip to a seaside town.

p-i 11 minutes $1.50

ENGLISH CRIMINAL JUSTICE (BIS)

Explains criminal court procedure as it is found in England and shows the various types of courts and something of their work. The cases range from a simple petty sessions case to a murder trial at the Old Bailey.

h-c-a 22 minutes $2.65

ENGLISH FARM FAMILY (McGH, Color)

Shows modern farming in England as well as some of the agricultural problems. Depicts a model wheat and dairy farm in the Reading area.

i-j-h-c-a 15 minutes $4.25

ENGLISH HISTORY: EARLIEST TIMES TO 1066 (C)

Landmarks and historical materials from 1900 B.C. to 1000 A.D. are blended with brief reenactments to give a panorama of the island of Britain and to illustrate the assimilation of many people in the development of the English nation.

j-h 10 minutes $1.50

ENGLISH HISTORY: NORMAN CONQUEST TO THE FIFTEENTH CENTURY (C)

Out of the period from the Norman conquest to the decline of feudalism came many milestones, such as trial by jury and the Magna Charta, that mark the steady growth of individual rights and liberties.

j-h 10 minutes $1.50

ENGLISH HISTORY: TUDOR PERIOD (C)

Treats the growth of the national state under Henry VII and Henry VIII, and the rise of England as a leading world power during the reign of Elizabeth. Concludes with the emerging of English culture at the height of the Elizabethan period and its influence in America.

j-h 10 minutes $1.50

ENGLISH INFLUENCES IN THE UNITED STATES (C)

Our American heritage is the gift of many people. But among the strongest influences that have molded our way of life are those that have come from England. Film traces some of the basic influences: the idea of democratic action, the body of law, freedom of speech and press, religious tolerance, language and literature, art forms and styles.

i-j-h-a 11 minutes $1.50

ENGLISH INNS (IFB)

Pictures a village where the inn is shown as a cultural meeting place, a "stage" for strolling players, and a link in transportation and communication.

j-h-c-a 8 minutes $1.85

ENGLISH LANGUAGE: STORY OF ITS DEVELOPMENT, THE (C, Color or B & W)

Pictures the history of the English language from its roots in the Anglo and Saxon tongues, through its infusion of French and Latin, and its emergence as a printed language which is still growing and changing.

j-h-c 10 minutes B&W $1.50, Color $2.70

EROSION (UW)

The story of man-made soil erosion and what it has done to our productive land. Distinguishes between natural erosion and man-made erosion. Depicts sheet and gully erosion by water and sheet erosion by wind and explains the destructive effects of each. Ends by showing that destructive erosion is not necessary if conservation farming methods are used.

i-j-h-a 6 minutes $1.85

EROSION BY WIND AND WATER (EP)

Contents: Flowing river; Plunging waterfalls; Caverns; River emptying into sea; Cave of the Winds; Stalagmites and Stalactites; William Canyon; Falls of South Cheyenne Canyon; Animated diagram showing erosion; Canyon Creek; Wheeler National Monument; Stone spires; Rock formation resembling cathedral; Temple of the Gods; Valley; Temple of Sinawava; Virgin River; Floor of the valley; Eyehole formation; Curious rock formations.

j-h-c 9 minutes $1.85

ESCAPE TO FREEDOM (McGH)

The story of a Czech escapee, Ivo Berounsky, who flees from behind the "iron curtain" and is cared for in the U.S. Refugee Control Center in Vienna.

j-h-c-a 19 minutes $2.65

ESKIMO ARTS AND CRAFTS (IFB, Color)

Show the kayaks, decorated skin garments, carved ivory and hand wrought implements which are products of traditional skill, and presents legends, drumming, dancing and singing which have been handed down for generations of Eskimos.

i-j-h-a 22 minutes $4.25

ESKIMO CHILDREN (EB)

Representative activities of an Eskimo family living on Nunivak Island, off the Alaskan coast, are portrayed. As parts of the film story center around the children, the following are depicted: Eskimo solution to the problems of food, shelter, clothing, and transportation; tasks of the parents and children; handicraft arts; forms of recreation, and traditional manners and customs.

i-j-h-c 11 minutes $1.50

ESKIMO HUNTERS — NORTHWESTERN ALASKA (UW)

In this vivid film, we learn how people live in regions where the weather is always cold, chiefly by fishing, trapping, and hunting. We live with an Eskimo family in northern Alaska where life is conditioned by this low temperature, even in summertime. Eskimos are hunters, fishermen and trappers. Shelters in winter are stone houses. While on hunting trips of a day or more, ice houses are built.

i-j-h 22 minutes $2.65

ESKIMO SUMMER (IFB, Color)

Depicts the search for food and shows some of the useful or decorative articles made with skins and bones of bear and seal.

i-j-h-c-a 17 minutes $4.25

ESKIMOS (WINTER IN WESTERN ALASKA) (EB, Color)

Shows the day-to-day life of an Eskimo family and how they win their bare living through the cold Arctic winter. Depicts Eskimo methods of fishing, ways of dress, daily activities, seal hunting, Eskimo schools and an authentic Eskimo dance.

i-j 11 minutes $2.70

ESSENTIAL PARTS AND TYPES OF PLANES (CAA)

Demonstrates how planes fly, and shows how various types of planes are designed to perform specific jobs. This is illustrated through the use of flight models as well as actual Army Bombers, Navy Flying Patrol Boats, and Atlantic Clippers.

h-c-a 10 minutes Handling charge, $1.00

ESSENTIALS OF FIRST AID (UW)

Describes some of the medical facilities afloat, methods of transporting and protecting injured men, rescuing and reviving men overcome by smoke, contents of Navy first aid kits, and steps in the examination and treatment of the wounded. Recommended for male audiences only.

j-h-c-a 30 minutes $3.70

ETHER FOR ANESTHESIA (MCC)

Ether today is rigidly tested for stability and strength, in marked contrast to the days when ether was first manufactured for use in surgical operations. Film shows the history of distillation of ether. Also shown is the modern manufacturing process.

j-h-c-a 18 minutes $2.65

EUGENE CONLEY AND ELEN DOSIA (WAR)

"Memorable Scenes from Grand Opera," presenting three episodes from well-known operas. Conley sings the aria, "One Furtive Tear" from Donizetti's "Elixir of Love"; Miss Dosia sings the aria, "He Is Good, He Is Sweet" from Massenet's "Herodiade"; the two artists join with the chorus and orchestra in "Let Us Drink to Beauty" from Verdi's "La Traviata."

h-c-a 26 minutes $3.70

EUROPE AT YOUR WINDOW (FON)

An American couple visits Europe. They begin their trip in Sweden and travel by bus thru Denmark, Germany, Holland and Belgium to Paris.

j-h-c-a 13 minutes $2.65

EUROPE LOOKS AHEAD (AFF)

The progress that Western Europe is making toward economic recovery with the help of the Marshall Plan and the challenges which lie ahead — increasing productivity, greater economic cooperation, and integration.

h-c-a 20 minutes $2.65

EUROPEAN CORN BORER (USDA, Color)

An insect pest, the European corn borer first made its appearance in this country in 1917. With the aid of the close-up camera, we see in interesting detail the life-cycle of the corn borer — from the time the moth lays its eggs, through the period when the eggs hatch to emit the borers which must feed on corn leaves and stalks to survive. The film discusses control measures, tells the farmer how to recognize and where to find the insect eggs, and the best times to use insecticides.

h-c 11 minutes $2.70

EUROPEAN GARDENS (CSC, Color)

Shown are Hyde Park, London; Royal Horticultural Society's Trial Gardens at Wisley, England; Rose Trial Gardens at Bagatelle, Paris; Empress Josephine's "Garden of Old Fashioned Roses" at Malmaison, outside Paris; Pope's Private Garden in the Vatican City, Rome; Rose Trial Gardens at Geneva, Switzerland; and many other famous gardens and parks.

h-c-a 20 minutes $4.85

EVERY MINUTE COUNTS (USOE)

A supervisor becomes worried because of absenteeism and tardiness in his department. His superintendent points out many of the causes, and the supervisor takes steps to remedy them.

h-c 10 minutes $1.85

EVERYBODY TALKS ABOUT IT

(TFC, Restricted to Classroom Use)

Shows work of the Weather Bureau in study and prediction of weather.

general 10 minutes $1.85

EVERYDAY COURTESY (C)

Through this film students learn that everyday courtesy is more than mere custom in our society. They learn that in the final analysis, the customary formalities of courtesy consist of very simple things — the friendliness, the thought of other people, the display of respect that makes each individual's life pleasurable and successful.

i-j-h 11 minutes $1.50

EVERYMAN'S EMPIRE (USDA, Color)

Today, 152 National Forests are owned by the people of the United States. These forests contain almost one-third of the nation's remaining timber. Here also are vast storehouses of water from which many towns and cities receive their entire water supply; here are grasslands that provide range for the cattle and sheep of the livestock grower. Here, too, are food and cover for wild animals and birds, streams for fish, and recreation areas for generations of Americans.

general 20 minutes $2.70

EVOLUTION OF MOTION PICTURES (UW)

Traces history from Egyptian shadow pictures through Leonardo da Vinci's camera of mirrors, Kircher's magic lantern, Dr. Roget's theory of persistence of vision, Daguerre's wet plate, Seller's synthetic motion, Luydrid's instantaneous photographs, Edison's first motion picture machine. There follows a rapid kaleidoscopic viewing of films through the years.

j-h-c-a 31 minutes $3.70

EVOLUTION OF THE OIL INDUSTRY (USDI)

Was made in cooperation with Consolidated Oil Company. It tells a comprehensive story of the petroleum industry, starting with scenes depicting Biblical episodes in which petroleum pitch or bitumen may have been an important material. The story moves rapidly to the Western hemisphere with scenes of American Indians and, later, white men finding beneficial uses for rock oil.

As the film proceeds, the Drake Well near Titusville, Pennsylvania becomes an actuality and the historical characters of that period are seen in action with the tools they devised. Following this historical pageantry, oil well drilling is followed across prairies, invading cities, and reaching to the waters of the Pacific ocean.

i-j-h-c 40 minutes Handling charge, $1.50

EXCERPTS (ETU)

A series of Excerpts of Educational Television programs prepared under the auspices of the Educational TV and Radio Center in Ann Arbor, Michigan and distributed to educational TV stations in the U.S. Designed as a promotional film for communities contemplating an educational TV Station.

h-c-a 40 minutes $8.00

EXERCISE AND HEALTH (C)

There is much more to exercising than just building muscles. Ernie was in a run-down condition and sick too often. Jean slouched through life, was awkward and too shy. Hal was "all work and no play," and much too irritable. Yet exercise and participation in athletics helped each of them to overcome a particular difficulty. The film shows that the right kind of exercise will go a long way toward making them healthier, happier, and more apt to succeed in any undertaking.

j-h-c 10 minutes $1.50

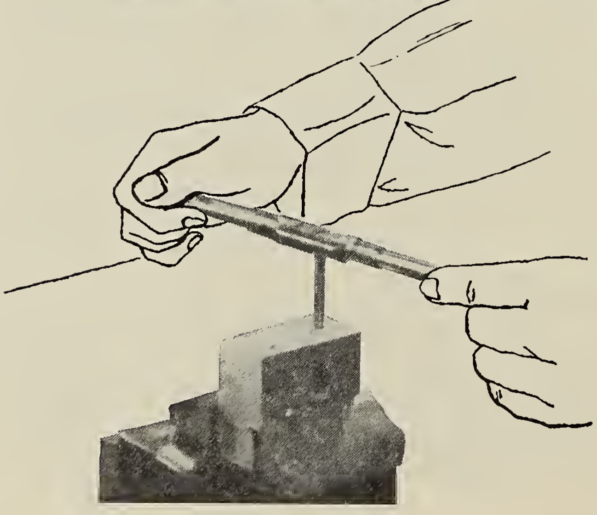
EXERCISE FOR HAPPY LIVING (EB)

A boy's keen disappointment at being only a "substitute" on the neighborhood ball team develops a negative attitude toward exercise in his school gym class and in performing simple tasks around the house. A dream sequence reveals the healthy effects of exercise upon muscles and thus stimulates in the boy an eagerness to acquire good habits in exercise.

j-h 10 minutes $1.50

INDUSTRIAL *Arts*

BEVELING, STOP CHAMFERING, AND TAPERING SQUARE BLOCKS
CUTTING TENONS AND SEGMENTS
CUTTING THREADS WITH TAPS AND DIES
DRILLING IN METAL, WOOD AND PLASTICS
SAWING TEMPLATE METAL
TURNING A WORK HOLD ON A MANDREL
TURNING WORK ON A FACE PLATE



EXPANDING WORLD RELATIONSHIPS (UM, B & W or Color)

The development of economic and social interdependence from Jefferson's time to the present is portrayed through animated drawings. Then, in live action and animation the film emphasizes how the complexities of modern industrial society have enlarged the interdependence of men and nations and how invention has simplified various methods of communication. The inference drawn is that isolation no longer exists; consequently, nations must work out ways of settling their differences peacefully.

j-h-c-a 11 minutes B&W $1.50, Color $2.70

EXPERIMENTAL STUDIES IN SOCIAL CLIMATES OF GROUPS (ISU)

Shows behavior of groups of boys organized in clubs run on democratic principles, as an autocracy and as a laissez-faire group; and responses when groups are changed from one type to another. Graphs and charts give statistics as to group actions and reactions. Also available in silent version in three parts.

c-a 30 minutes $3.70

EXPLORING SPACE (TFC, Restricted to Classroom Use)

Photographed in the Hayden Planetarium of the American Museum of Natural History, takes the audience on a trip through space with close-ups of the moon, Venus, the sun, Mars, and the Milky Way. The picture concludes with excellent shots of the eclipse of the sun showing Bailey's Beads and the Corona.

i-j 9 minutes $1.85

EXPLORING THE UNIVERSE (EB)

An explanation of refracting and reflecting telescopes introduces this picture on the dynamic aspects of the stars within our galaxy and of the galaxies themselves. Animated drawings are used extensively to portray these phenomena which include: the transformation of the dipper during the next hundred thousand years; binary stars; variables; trinary stars; the motion of the stars in the Hyades and the Hercules cluster; apparent star motion due to motion of the solar system; galactic rotation; and finally a portrayal of the theory of the expanding universe.

j-h-c 11 minutes $1.50

EXPLORING WITH X-RAYS (GE)

Made for the information and education of the general public, this film is designed to offer to the layman an idea of the scope of the use of X-rays and to inform him in an entertaining manner of its potentialities. The film is not regarded as a demonstration of X-ray procedures in their entirety nor as depicting in detail complete modern radiographic technique. This film was produced with the cooperation and approval of the American College of Radiology.

j-h-c 40 minutes Handling charge, $1.00

EXPLOSION DANGER LURKS (WRC)

Calls attention to the hazards that exist when domestic hot water tanks and heaters become overheated, and emphasizes the safety precautions that must be taken in homes to avoid injuries from such hazards.

h-c-a 16 minutes $2.65

EXPRESSMAN MICKEY (HFE, Color)

A Mickey House cartoon.

p-i 10 minutes $2.00

EYES AND THEIR CARE (EB)

The physiology and hygiene of the eye is treated in detail. Animated drawings clarify structure and function. The film explains learning to judge distance, eye movements, light receptors, field of vision, night blindness, double vision, near- and far-sightedness, infections, and protection of the eyes.

j-h-c 11 minutes $1.50

EYES BRIGHT (AVF, Color)

From the school nurse, classroom teacher, discussion of experiences at home and at play, and books from the school library, four primary children and their classmates learn about the care and protection of their eyes.

j-h-c 11 minutes $2.70

EYES FOR TOMORROW (NSPB)

The picture covers prenatal care and reduction of blindness through proper treatment, shows the care that should be given contagious diseases, such as trachoma, and points out the increased danger of industrial eye hazards, prevalence of glaucoma and various corrections for common defects such as myopia, astigmatism, strabismus, etc. Also stressed is the building of resistance through regular eye examinations, correct diet, and good health habits.

j-h-c 20 minutes $2.65

EYES OF FLIGHT (CAA, Color)

A training film on the handling and maintenance of acrylic plastic on military aircraft. Covers handling, sawing, drilling, buffing, polishing, cleaning and patching of material.

h-c-a 31 minutes Handling charge, $1.00

EYES THAT HEAR (LSD)

Shows the program for educating the deaf at the Lexington School for the Deaf.

c-a 15 minutes $3.00

F.B.I., THE (FF)

The 24-hour-a-day vigilance of this vast organization, the techniques and crime detection methods shown at the F.B.I. laboratories, and the rigorous training an agent must undergo at the Academy at Quantico, Virginia, are all documented in this release.

The authentic case of August Baumeyer, reconstructed from F.B.I. files, reveals not only the methods of German agents in the U.S. during the war, but also the striking effectiveness of counterespionage by the F.B.I.

j-h-c 17 minutes $2.65

F. D. R. (UW)

Newsreel highlights of Franklin D. Roosevelt's life.

h-c 20 minutes $2.65

FABRICATING METAL AIRCRAFT (CAA)

Shows methods by which sheet metal may be cut and formed; methods by which sheet metal parts may be assembled; and mating major assemblies.

h-c-a 14 minutes Handling charge, $1.00

FACE BEHIND THE MASK, THE
(TFC, Restricted to Classroom Use)

The story of a mysterious man who spent his life in prison at the order of Louis XIV.

The king's power was absolute and there was no recourse for the prisoner who, masked in velvet and blindfolded, was rowed to the island fortress of Ste. Marguerite. A metal mask, cunningly made, was placed over his head.

Forty years later, the prisoner was removed to the Bastille where he died. Many books theorizing as to his identity have been written. There seem to be three probable solutions.

One, that he was Count Matioli, an Italian who sold France secret information, but resold it to Spain and Venice. Or that he might be Forquet, treasurer of France and richest man in the world, who sought the aid of the king's mistress in a try for more power. Or, finally, that Louis XIV did have a twin, as rumor claimed, and that the twin was imprisoned so that the king's power could not be threatened.

The narrator closes the story with the comment that this man has become the symbol of millions of persons seized and imprisoned without trials; that his fate was pointed to by later generations in their fight for trial by jury.

i-j-h 11 minutes $1.85

FACE IN THE MIRROR (JH)

The salesman as the customer sees him — starring James Dunn.

c-a 30 minutes $3.70

FACE OF THE EARTH (EB, Color)

Shows the wearing down forces of the earth and the way the building up forces counteract it.

j-h-c-a 20 minutes $4.25

FACE PLANING UNEVEN SURFACES (UW)

Surfacing of wide stock on one side; using a pusher; making and using a feather board; and using a backing block for facing thin stock.

h-a 13 minutes $1.00

FACING, TURNING, BORING, GROOVING, CHAMFERING ON A VERTICAL TURRET LATHE USING TWO HEADS (USOE)

Shows the operations and procedures followed when tooling up a vertical turret lathe for operations requiring the simultaneous use of both vertical and side heads. A semi-finished magnesium casting is secured to the table in a special fixture. An indicator is used to check the setting in the fixture. The vertical and side heads are shown in operation. Animation explains the "flush-pin gage" used to check the height of the shoulder. The use and shape of the chamfering tools are explained. The necessity for caution in working with magnesium is emphasized.

h-c 33 minutes $3.70

FACING, TURNING, BORING, GROOVING AND CHAMFERING (UW)

Demonstrates facing, turning, boring, grooving, and chamfering cuts on a vertical turret lathe with the simultaneous use of both heads, the securing of work in a special fixture, the precautions to be observed in machining magnesium alloys, and the use of surface gage and test indicator for leveling and centering the work.

h-c-a 31 minutes $3.70

FACTORIES, MINES AND WATERWAYS — INDUSTRIAL WESTERN EUROPE (UW)

Heavy industry tends to develop in areas which have easy access to sources of raw materials, labor supply and markets. Alsace-Lorraine is one of the most highly industrialized regions of the world. Abundant coal deposits and nearby iron mines are linked by railroads and waterways with manufacturing cities and seaports. This film accompanies the captain of a coal barge on his trip from Strasbourg to Pont-a-Mousson, on the Rhine-Marne Canal. Not only does the student gain an insight into the daily life of a barge family aboard their water-borne home, but the film shows clearly why this part of Western Europe has become the industrial heart of the continent. The railroads which run alongside the canals, loading and unloading activities at inland ports, the concentration of industrial sites, and sequences on iron mining, steel making and pottery manufacturing all illustrate the basic geographic concept of this film.

j-h-c 22 minutes $2.65

FACTORY SAFETY (JH)

In this motion picture safety methods in the factory of today are clearly and dramatically shown. Workers learn plant safety regulation and are constantly reminded that they should be careful. We see how the arrangement of machinery, protective devices on machines, and the carefulness of men at work prevent accidents.

h-c-a 11 minutes $1.85

FACTS ABOUT FILMS (IFB)

A film for in-service training of teachers and projectionists. A "must" for everybody using projection equipment.

j-h-c-a 10 minutes $1.50

FACTS ABOUT PROJECTION (IFB)

Explains that a projectionist must run over a check list of necessary precautions in advance of scheduled showings. Shows attention given to the kind and source of power, light control and ventilation, position of screen, setting up of projector and speaker, check on dust in aperture, volume and tone control, and other details.

h-c-a 11 minutes $1.85

FAIR WAGE BY JOB EVALUATION, A (BEF, Color)

Explains the "why" of job evaluation to supervisors, management and employees. Covers company problems before job evaluation, advantages to management and employees when job evaluation is installed.

a 15 minutes $4.25

FAITH TRIUMPHANT (UW)

Reenacts St. Paul's imprisonment at Caesarea and his trials before Fesuts and Agrippa — taken from Book of Acts.

j-h-c-a 22 minutes $2.65

FALLEN EAGLE (AS, Color)

Three times in history United States armies have been annihilated by their enemies. Each time those enemies were the Sioux Indians. The film gives an account of the Sioux heritage and culture, and a view of their present life in South Dakota.

j-h-c-a 20 minutes $1.00

FALLING WATERS OF YOSEMITE (GDH)

Nowhere else on earth can such a glorious array of waterfalls, such as The Waterfalls, Vernal, Nevada, Yosemite, Ribbon, Cascade and Illilouette, be found in such a concentrated area. Each of the falls mentioned above is shown in this film.

general 11 minutes $1.85

FAMILIAR PATRIOTIC SONGS (TFC, Restricted to Classroom Use)

A community sing, including "America the Beautiful," "My Own American Home," and other favorites.

general 10 minutes $1.85

FAMILIES FIRST (NYSYC)

The film, which is documentary and contrasting, is a recording of human interest in the everyday affairs of America's most important social unit — the family. Throughout the production, the family is in evidence as the major influence — for good or for bad — in the character growth of the child. A dual sequence in the forming of family patterns — the sharing and the non-sharing — results in situations arousing amusement, sympathy, and concern.

h-c-a 20 minutes $2.65

FAMILY, THE (UW)

Shows how the daily problems confronting a family are solved when each member understands the needs and desires of others, and the family faces its problems together.

j-h-c-a 20 minutes $2.65

FAMILY AFFAIR (TFC, Restricted to Classroom Use)

Despite opposition from the community and the effects upon his son and daughter's social relationships, a judge issues a temporary restraining order preventing construction of an aqueduct, convinced that he is doing his duty.

j-h-c-a 20 minutes $3.00

FAMILY — AN APPROACH TO PEACE, THE (MOT)

Contrasts the popular conception of foreign lands with life as it actually is around the globe. Through scenes of everyday life everywhere the similarity of the fears and the aspirations of all people is forcefully set forth.

h-c-a 17 minutes $3.00

FAMILY CIRCLES (McGH)

Demonstrates how wholehearted cooperation between the school and home and an equal division of responsibility will go a long way toward providing the kind of emotional and physical climate in which a child can grow to successful maturity. Challenges parents and teachers with the necessity for mutual undertaking in which each supports and encourages the work of the other.

c-a 31 minutes $3.70

FAMILY LIFE (C)

"Gee, how *do* they do it? There go the Millers again, off for another day at Crystal Lake!" These teen-age onlookers are understandably envious. But it wasn't always this way with the Miller family. Here we see them as they once were — disorganized, hard pressed — and we see how, through proper home management of schedules, responsibilities, privileges, and finances, they begin to enjoy life as they should. The film creates an awareness of the happiness to be gained from a well-managed home and outlines a program for achieving it.

j-h-c 10 minutes $1.50

FAMILY LIFE: CHANCE DATE (TFC, Restricted to Classroom Use)

Deals with a subject much discussed during the past war — the pick up. In this case the chance meeting turns out very well because of the character of the persons involved. Opens up an opportunity for mature class discussion of casual meetings with strangers — how they might or might not be good.

h-c 10 minutes $1.50

FAMILY LIFE: DAD'S WISH (TFC, Restricted to Classroom Use)

Selma's father wants a new barn. Selma wants him to have it, and can't understand why her mother doesn't seem to want him to. Her mother explains to her that he works very hard now, and extra debt would be bad for him; she is afraid that he will have to work too hard to pay for it.

general 6 minutes $1.50

FAMILY LIFE: EARNING AND GIVING (TFC, Restricted to Classroom Use)

Tender story of how one family shares with each other. A little girl, who has earned five dollars by helping to dig potatoes, spends the money on Christmas presents for her mother and father.

general 7 minutes $1.50

FAMILY LIFE: GANG RAIDS THE ORCHARD (TFC, Restricted to Classroom Use)

A gang of boys plans a raid on an apricot tree, although it is too early for the fruit to be ripe. The old man who owns the tree sees them slipping in. He realizes that if he doesn't act angry and threatening, most of the fun will be gone from stealing the apricots. So he goes to the edge of the porch and yells crossly at them — thereby making the raid an exciting adventure for the boys.

general 11 minutes $1.85

FAMILY LIFE: GIFT FROM DAD (TFC, Restricted to Classroom Use)

A little girl accidentally kills a squirrel when she throws a rock at it. She feels very badly about it and tells her father when she gets home. He makes her a present of a brand new baby calf. Film is adapted from the feature, "Our Vines Have Tender Grapes."

general 10 minutes $1.85

FAMILY LIFE: HOMER AND THE KID BROTHER (TFC, Restricted to Classroom Use)

Shows close relationship between a boy and his younger brother. Kid brother asks questions about everything under the sun and goes downtown to the library with a friend of his. When the friend has to go home, an incident frightens the kid brother — but his big brother, working in the telegraph office across the street, is there to take care of him.

general 8 minutes $1.50

FAMILY LIFE: HOMER STARTS TO WORK (TFC, Restricted to Classroom Use)

Adapted from the MGM picture, "The Human Comedy." Homer gets a job as a messenger boy in a telegraph office. It is not only a job, it is an introduction to life. He sees all the troubles and joys people have through delivering telegrams to them.

general 10 minutes $1.50

FAMILY LIFE: OF SKATES AND ELEPHANTS (TFC, Restricted to Classroom Use)

A little girl has received a birthday gift from her father — a pair of skates. As a punishment for being selfish with them, she has to give them to her friend. Her father, to show her that he loves her even though he has punished her, takes her to town where the circus is passing through. He gives his last five dollars to the elephant trainer to unload the elephant, in order to give the little girl a ride.

general 15 minutes $2.65

FAMILY NEXT DOOR (MHP)

Presents three episodes of Christian family life to show how religion "makes a difference."

i-j-h-c-a 30 minutes $3.70

FAMILY OF INDIA (YA)

Shows the life of an ordinary middle class family in India. The head of the family is the caretaker of a large estate, and he tells about his family's work, its shopping, its recreation, and its education.

i-j 15 minutes $2.85

FAMILY OUTING (NFBC, Color)

The Canadian National Parks offer great opportunities for outdoor living. In this film, a family has taken advantage of the scenic beauty and open setting of Banff National park for a pleasant few days spent away from the noise and crowded atmosphere of city life. Within this great expanse of Nature at its finest, the Canadian government has provided activities to make the tourist's stay there an active and interesting one.

general 15 minutes Handling charge, $1.00

FAMILY TEAMWORK (F, Color)

Shows how children and parents can help each other — how they may work together in the home and in their outside activities. The children develop habits of good judgment, self expression, and work.

p-i-j-h-c-a 16 minutes $4.25

FAMOUS FISH I HAVE MET (NFBC, Color)

Gregory Clark and Pete McGillen discuss some of Canada's noted sporting fish — pike, bass, speckled trout, coho salmon, Atlantic salmon, giant tuna. At a sportsman's show, the camera discovers Greg Clark happily dazed by the various displays. But when he finds the fishing section he really comes into his own, and convinces Pete McGillen, a confirmed hunter, of the joys of angling. Shows musky and pike drawn from northern lakes; small mouth bass; speckled trout caught against a background of Rocky Mountains; coho salmon and Atlantic salmon; huge tuna which rival the grizzly bear in size and sport. Well, who wouldn't want to go fishing?

general 11 minutes Handling charge, $1.00

FAMOUS RIVER HOMES OF COLONIAL VIRGINIA (VCD, Color)

The finest homes in Virginia were built along the great tidal rivers which were the main highways in the early colonial period. Both exterior and interior features of twenty-eight of the earliest mansions are shown.

h-c-a 30 minutes $5.20

FAR WESTERN STATES, THE (EB)

Describes the economy of the states of Washington, Oregon, California and Nevada, including a brief historical résumé of progress made in the use of resources in this great region. Sectional contrasts, with respect to climate, topography, people and population densities, are shown. Representative mining, lumbering and agricultural activities are portrayed. The flow of goods exchanged with other sections of the nation is depicted by means of vivid, animated drawings.

j-h-c 11 minutes $1.50

FAREWELL TO CHILDHOOD (IFB)

An adolescent girl's various moods and apparent inconsistencies bewilder and confuse her parents; a better relationship results when the parents begin to understand her point of view and the girl realizes that parents, too, need to be understood.

h-c-a 23 minutes $3.00

FARM ANIMALS (EB)

The care and activities of farm animals are presented in this film. Natural sounds are included. The film treats such subjects as feeding and milking cows, feeding calves, newborn calf, feeding horses, watering horses, colt feeding, feeding pigs, currying and harnessing horses, cows drinking and grazing in pasture, goat and kids feeding, sheep grazing, lambs feeding, and sheep shearing.

p-i 11 minutes $1.50

FARM LIFE IN WARTIME (PSCNI, Color)

The farming regions in northern Illinois are presented in this kodachrome film. Divided into the cattle section, the dairy section, the truck garden section, the poultry section, the youth section, and the ideas section, this film visits different farms in the northern Illinois area telling of the modern ways in which the inventive farmer and his family meet the wartime demand for food for the home and battle fronts.

j-h-c 33 minutes Handling charge, $1.00

FARM PETROLEUM SAFETY (APE, Color)

Dramatizes the need for safety on the farm, particularly in handling inflammables.

h-c-a 30 minutes $2.00

FARM SEWAGE DISPOSAL SYSTEM (NU, Color)

Presents steps taken in installing a sewage disposal system which includes: setting forms for the septic tank, pouring concrete, making cover slabs, removing forms, installing disposal field, and placing baffle boards.

h-c-a 11 minutes $3.00

FARM TRACTOR CARE (STO, Color)

A series of practical field scenes showing the most efficient methods of tractor care. It contains many timely tips that simplify the job of good maintenance. The film dramatizes the important daily services needed to enable an operator to obtain maximum power and long life at minimum cost.

general 32 minutes $2.00

FARM TRACTOR SAFETY (API, Color)

How to prevent accidents on tractors. Highway hazards, tipping dangers, fire, power-take-off accidents, etc., are shown.

i-j-h-c-a 18 minutes $2.00

FARMER, THE (EB, Color)

A typical day in the life of a farmer; combining, baling, milking and regular chores. Emphasizes the importance of time and the weather to the farmer and shows how he must budget his time to fit the elements.

h-c-a 20 minutes $4.25

FARMER-FISHERMEN — NORWAY (UW)

Here there is the sea and its wealth; there is the rugged, mountainous land with arable areas occupying less of its surface than lakes and other bodies of water. It is these physiographic aspects of Norway which are at once apparent when the picture begins, with its focus sharpened upon a typical farmer-fisherman coming in from the sea. You live with the family of this fisherman, hear them talk, listen to their music, and observe that their manner of life is born of environment.

j-h-c 20 minutes $2.65

FARMERS AT WAR (OWI)

The war production program of the farmers of America is illustrated in this film. It shows how the farmers of Lancaster County, Pennsylvania, manage by working longer hours and cooperating with their neighbors to meet the need for the greatest output of farm products at a time when there is a serious labor and tool shortage.

h-c 11 minutes $1.50

FARMERS OF INDIA — MIDDLE GANGES VALLEY (UW)

In this film lesson the principle that "life in densely populated, undeveloped lands is marked by great poverty, crowded living conditions, and often famine and disease," is vividly developed. We see that although India is a land of natural riches, most of her people live in great poverty. They have little to wear, too little to eat, and suffer from disease and famine. The common farmer has only a few crude tools with which to work. Overcrowded conditions of living are a marked characteristic of much of the country.

j-h-c 22 minutes $2.65

FARMERS OF JAPAN (USDA)

No easy life is that of the Japanese farmer. He farms pretty much in the manner his father did and his father before him, using the same primitive tools and getting from the land not much more than a bare subsistence. The film documents the activities of one such farmer — his work and way of life.

i-j-h-c 20 minutes $2.65

FARMERS OF THE ANDES (HFE)

A splendid record of the way in which farming is still carried on in remote parts of the world. It describes the farmers' living conditions, their principal grain crops, their primitive methods of threshing and winnowing, and the way in which they meet the problem of high altitude.

j-h-c 11 minutes $1.50

FARMING IN SOUTH CHINA (UW)

The Szechwan basin of South China is seen to be a densely populated country, where farmland is scarce and an intensive subsistence type of agriculture is in process. This is also carried under the title HOME LIFE IN SZECHWAN PROVINCE.

i-j-h-c-a 20 minutes $2.65

FARMS AND TOWNS OF SLOVAKIA — DANUBE RIVER (UW)

Here we study people who, living within a mountainous land relatively remote from the highways of communications, have maintained conservative traditions. Isolated from the main currents of Central European life, their standard of farming and industrial practices are relatively poor. However, we see that where highways are being developed, and isolation is breaking down, changes are taking place in the traditional ways of life of these Slavic peasants.

j-h-a 22 minutes $2.65

FARMYARD ATHLETES (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

FARMYARD BABIES (C, Color)

On her morning rounds, Daisy, the farm dog, sees a variety of "babies" of the farmyard — lambs, calves, colts, chicks and others.

p 11 minutes $2.70

FARMYARD FOLLIES (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

FARMYARD OLYMPICS (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

FARMYARD WHOOPEE (UW)

A mule, dog, cat, and chicken save a farmer from Indians.

p-i-j 9 minutes $1.00

FAROE ISLANDS FAMILY (EB)

Shows how the people of this Danish possession in the North Atlantic manage to obtain enough food for survival.

p-i 10 minutes $1.50

FATE OF A CHILD (UN)

Uses the story of the death of a child to dramatize the conditions which prevail in an underdeveloped area of the world. Shows how the technical assistance program of the United Nations is intended to help the economic development of such areas, so that the evils responsible for the death of the child can be eliminated.

h-c-a 17 minutes $3.00

FEARS OF CHILDREN (IFB)

A parent-child situation is presented in which the mother tends to coddle her five year old son while the father advocates sterner discipline and encouraging the child to do things for himself. The resulting conflict confuses the boy and magnifies his rudimentary fears. Through the advice of a friend the parents make a greater effort to understand the situation and a happy solution is indicated at the end of the film.

c-a 30 minutes $3.70

FEDERAL GOVERNMENT, THE (THE PLAN OF ORGANIZATION) (C)

Structure and functions of the federal government are presented here in a manner designed to give audiences a clear-cut picture of the government and an appreciation of its operation. Outlined are the primary divisions of responsibility in the government — legislative, executive, and judicial. The reasons for this division and the problems that arise from the many quasi-legislative and quasi-judicial boards and agencies are also shown. The importance of understanding these things to the maintenance of good, efficient, responsive government is stressed throughout the film discussion.

j-s-a 14 minutes $2.25

FASHION MEANS BUSINESS (McGH)

Shows the most famous of Paris designers and the factories of New York's mercantile district after discussing factors that make the industry an ever-changing and risky one. Information on the International Ladies Garment Workers' Union and its functions is included.

h-c-a 17 minutes $2.65

FAST AND FURIOUS (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

FAST DELIVERY (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

FEDERAL RESERVE BANK AND YOU (USTF)

Shows why and how the Federal Reserve influences the nation's volume of money and credit, how it enables commercial banks to serve their customers better, and how it serves as banker for the United States Treasury.

h-c-a 30 minutes $3.70

FEDERAL RESERVE SYSTEM (EB)

Graphically explains the purpose and functions of the Federal Reserve System. Shows how the System, growing naturally out of a national need, was devised to meet certain economic conditions. Covers the period from the money panic of 1907 through World War II, emphasizing historical high spots in the System's development as well as important contributions made by several national leaders.

h-c-a 15 minutes $2.65

FEDERAL TAXATION (C)

In discussing taxes with their parents, two children learn the answers to questions which every citizen should study. They learn the constitutional and statutory basis for federal taxation, the need for taxation, various bases for determining the extent of taxation of each individual or group, and finally, the ways in which our tax dollar is used.

j-h-c 11 minutes $1.50

FEEDING FARM ANIMALS (USDA)

Shows the basic principles of feeding farm animals. Correct feeding depends upon the work an animal is to do or the product he is to furnish.

h-c 18 minutes $2.65

FEELING LEFT OUT (Social Maturity) (C)

The intense desire of every boy and girl to "belong" and to achieve a feeling of importance among his or her friends is often thwarted and unsuccessful, and, therefore, results in the common feeling of "being left out." This film is aimed at developing sympathy and understanding for the socially isolated and offering suggestions for overcoming this condition.

h-c-a 13 minutes $2.25

FEELING OF HOSTILITY, THE (NFBC)

Dramatizes the factors producing resentment and hostility in personal relationships. Death of one parent, resulting in over-dependence on the remaining parent, and the latter's remarriage discourage the child, Clare, in giving love and seeking affectional relationships with others. Fearful of further hurt in such efforts, and finding some satisfaction in others' approval due to intellectual ability, it becomes very important to Clare to excel, to beat all comers.

c 32 minutes $3.70

FEELING OF REJECTION (NFBC)

A visual case history of a neurotic 23 year old girl. She suffers from physical symptoms, such as headaches, extreme fatigue, dizzy spells. As no physical causes can be found for these symptoms, which none the less are very real and distressing to the patient, she is referred by her doctor to a psychiatrist who is able to uncover the emotional basis for these physical reactions.

c 20 minutes $3.25

FEELINGS OF DEPRESSION (NFBC)

Shows how John Murray, outwardly a self-sacrificing man who has devoted himself to furthering his brother's career, has carried a buried resentment and jealousy of his brother since childhood. When his business failure coincides with his brother's success, he again experiences the old smoldering jealousy, the feeling that his own ambitions have been cheated. His struggle with his conscience manifests itself in fits of wretched despondency when he feels he does not deserve the love and esteem of his wife and associates. Film points out that John's case is not an isolated one; he may recover spontaneously, or, through psychiatric treatment, he can be helped to understand himself fully.

c-a 30 minutes $3.70

FELTBOARD IN TEACHING, THE (WU, Color)

Suggests use which the classroom teacher may make of the feltboard — also known as the visual board, feltogram, flannelgraph, etc.

c-a 9 minutes $2.70

FENCING: SWORD SOLDIERS (RKO)

Cadets at West Point receiving instruction in the heavy saber, dueling sword, and foil.

j-h-c-a 15 minutes $2.65

FESTIVAL OF SPRING (CAR, Color)

A cartoon tells the story of a little boy and his mother who take a trip into the land of make-believe. It shows that God has made everything and that we are dependent on Him.

p 10 minutes $2.70

FIDDLE DE DEE (IFB, Color)

Rhythm in color. To the familiar tune "Listen to the Mocking Bird," thousands of art combinations flow swiftly across the screen in a fantastic color dance of ever changing patterns. Norman McLaren, creator of the film, painted directly on both sides of clear 35 mm. motion picture celluloid by using celluloid dyes, inks and transparent paints. No shooting with any sort of camera was involved. The process is as direct as that of an artist using pigment on canvas or paper and subsequently having it reproduced in color.

general 5 minutes $2.70

The Littlest Angel

The tender and humorous story of Heaven's smallest—and most disquieting—angel.

20 MINUTES RUNNING TIME

Color $8.00 (ONE DAY)
$16.00 (WEEK)
B&W $4.00 (ONE DAY)
$8.00 (WEEK)

FIELD TRIP (VDE, Color)

Tells the story of how a biology class prepared for, conducted, and followed up on a field trip. The opening scenes show that a variety of materials and experiences aid in the instructional program of classrooms. Objectives and purposes for the trip are established. Shows follow-up activities and reviews principles in the use of any field trip as a learning experience.

c-a 11 minutes $2.70

FIELD TRIP TO A FISH HATCHERY (C)

A class takes a film field trip to a fish hatchery. They discover the answers to the following questions: Why do we have fish hatcheries? What do they look like? What happens there? How do fish live? You will see fish eggs taken from the female, fertilized, hatched and developed from fry into fingerlings. Important details about the structure of fish and how fish are planted in the streams and lakes are also included. An excellent study in field trip techniques, conservation, biological science and reading background.

i-j 11 minutes $1.50

FIFTY-FIRST DRAGON, THE (UPA, Color)

An animated cartoon of psychological satire, using medieval dragon slaying, from the story by Heywood Broun.

p-i-j-h-c-a 11 minutes $2.00

FIGHT AGAINST THE COMMUNICABLE DISEASES, THE (UW, Color)

Presents the organization and activities of the Communicable Disease Center, its relationship with other Public Health Service activities and its services to local and state health departments.

h-c-a 20 minutes $4.25

FIGHT FOR A FULLER LIFE (BIS)

Surveys the choices of careers open to teen-agers in Great Britain by showing the education and training received in Britain's universities and vocational schools.

h-c-a 20 minutes $2.65

FIGHT FOR BETTER SCHOOLS, THE (MOT)

The story of how the citizens of Arlington County, Virginia, raised their schools from among the nation's poorest to among the nation's finest. By showing how the people of Arlington planned and worked to improve their schools, the film tells how other communities can work for a better school system. The struggle to improve education in Arkansas, Delaware and Long Island is also shown.

a 20 minutes $2.65

FIGHT FOR THE SKIES (OWI)

This is not the story of any particular air battle or air battles but rather the story of the entire strategic and tactical fight for the freedom of the air in Europe. By dramatic vivid motion picture reporting, it conveys to the audience the sacrifices our fighting men made, the material that was expended, the millions of war bond dollars needed to win the freedom of the air in the Pacific.

h-c 20 minutes $2.00

FIGHT GAME, THE (McGH)

Gives a swift resume of the prize fighting game, shows the use of boxing by groups working with boys to give them healthful recreation, and examines racketeering and other ills afflicting the sport and their possible solution.

j-h-c-a 18 minutes $2.65

FIGHT THAT FIRE (T)

Shows what fire is and how it can be stopped. It gives the fundamental rules of fire precaution and prevention, and explains how to use fire-fighting weapons effectively.

general 10 minutes $1.50

FIGHTER PILOT (CAA)

Relates the activities of an average British fighter pilot. Scenes include dog fights with the enemy and the sensations of flying at over 25,000 feet are clearly described.

h-c 8 minutes Handling charge, $1.00

FILING IN CARPENTERING (JH)

The first part of the picture is devoted to the identification of the various parts of a file, and the various types of commonly used files. This is followed with instructions on the correct positions and movements to be used when filing. The uses of various files are shown and explained. The picture closes with instructions on cleaning and caring for files after they have been used.

j-h-c 22 minutes $2.65

FILING PROCEDURES IN BUSINESS (C)

By showing a typical central filing system in action, this film bridges the gap between theory and practice. Here students will see a large, efficient filing system functioning as an integral part of a well-run business organization. Through this positive approach to the subject, correct procedures are set firmly in mind.

h-c-a 11 minutes $1.50

FILM AND YOU (NFBC)

The film touches on the various ways in which films can be used to improve community life. Illustrations of the effect of films are provided with scenes from films on health, safety, home improvement, and others. It also effectively points up the way in which community groups and organizations can cooperate in a film council to assure adequate local facilities for film procurement and use.

general 18 minutes $2.65

FILM COMMUNIQUE #1 (OWI)

First of a series of monthly pictorial reports made during the war on our war effort. In this issue: civilian war workers rushing completion on military vehicles, troop carrier activity on Wau off New Guinea and finally a reminder that war costs men as well as money.

general 25 minutes $2.00

FILM COMMUNIQUE #2 (OWI)

Scenes of fighter-bombers mopping up over Sicily and sequences from a bomber flight. Views of high Nazi officials praising their industrial workers and engineers for their war effort.

general 25 minutes $2.00

FILM COMMUNIQUE #3 (OWI)

Five parts: LST's putting men ashore under fire in Sicily, a military religious service on Guadalcanal, assembly of U.S. railroad equipment for shipment overseas. P-47's blasting Nazi fighters, and a paratroop attack on Lae, New Guinea.

general 25 minutes $2.00

FILM COMMUNIQUE #4 (OWI)

A review of bomber attacks in the Pacific, honoring of American Negro troops for a record-breaking rebuilding of the airfield at Munda, Lt. Gen. Clark's landing in Italy.

general 25 minutes $2.00

FILM COMMUNIQUE #5 (OWI)

The bloody taking of Tarawa is the chief feature of this issue. P-47's in action in Europe, jungle training in Hawaii and an animated feature, "A Few Quick Facts" conclude the issue.

general 20 minutes $2.00

FILM COMMUNIQUE #6 (OWI)

Vivid scenes from the taking of Cape Gloucester and Araws on New Britain Island. Piper cubs directing and checking on artillery fire, a B-24 helping rescue a stranded Liberty ship, and the portable fuel lines used to carry vital fuel from Italian ports to the front lines.

general 20 minutes $2.00

FILM COMMUNIQUE #7 (OWI)

Highlights of the combined operations action in taking the Marshall Islands. Also shows how units isolated by unmapped jungle are supplied by air.

general 20 minutes $2.00

FILM COMMUNIQUE #8 (OWI)

Some exciting low-level bombing shots, scenes of establishing a beachhead in Italy and the men being attacked by Nazi dive bombers, closing shots show medical care of casualties during battle.

general 20 minutes $2.00

FILM COMMUNIQUE #9 (OWI)

Return of the B-24, "Blue Streak," Private Snafu in "Fighting Tools," and scenes of Gen. Stillwell's American and Chinese troops battling in Burma.

general 20 minutes $2.00

FILM COMMUNIQUE #10 (OWI)

Artillery activity in Italy, footage on aerial combat over Nazi-Holland and France, combat scenes from Bougainville.

general 20 minutes $2.00

FILM COMMUNIQUE #11 (OWI)

Scenes of Task Force 48 in action off Saipan.

general 20 minutes $2.00

FILM COMMUNIQUE #12 (OWI)

How Nazis made swastika emblem of Germany and tried to make it sign of world. Scenes of 72,000 Chinese laborers handmaking an airfield in China. Ski Guys. Retaking of Guam.

general 20 minutes $2.00

FILM COMMUNIQUE #13 (OWI)

Mostly scenes from CBI theatre.

general 17 minutes $2.00

FILM TACTICS (USN)

Dramatic and human-interest demonstration of the consequences of teaching mistakes in the use of a training film, and a convincing portrayal of the correct way to use motion pictures in education.

general 20 minutes $2.00

FIND THE INFORMATION (C)

By learning how indexes are prepared, students discover how great a collection of information they contain, how they can be easily read, and, moreover, to what extent information is available through indexes in every library.

j-h-c 11 minutes $1.50

FINDING THE RIGHT JOB (C)

This is a vocational guidance film that gets down to actual facts in the problem of finding a job. Presents job-lead sources, placing emphasis on some of the crucial stages in obtaining a job. It establishes a process of weighing offers in terms of future goals and what the company has to offer.

h-c 10 minutes $1.50

FINDING YOUR LIFE WORK (VGF)

Opening with an attractive picture of a boy fishing, this film quickly leads up to the fact that experienced fishermen are particular about their baits. In getting a job, the baits required are personality, training and experience.

Then follows in sound and picture a fine discussion of these important points:

1. You must know yourself, your strong points, weaknesses, likes and dislikes.
2. Get a broad view of many vocations.
3. The contributions which the many departments of the school can make to the preparation of the boys and girls for their life work.
4. To perform your life work properly there must be excellent coordination of the mind and body.
5. Like a building, your life must be built on a carefully planned foundation: health, character, general education, citizenship, special interests and abilities, ambition, willingness to work, knowledge of self, special training.
6. Don't believe those who say there are no opportunities any more. Somewhere in this broad land there is a chance for you to make a living and lead a happy life. Americans have always made their opportunities. It's up to you to make yours!

j-h-c 20 minutes $3.00

FINGER PAINTING (ASF, Color)

Young children, teenagers and adults will find pleasure and the urge to try finger painting, after watching the ease and speed with which the artist in this film achieves original designs and dramatic effects with basic hand and finger movements. Unique for any one-plane art is the three-dimensional effect.

i-j-h-c-a 10 minutes $3.00

FINGER PAINTING METHODS (C, Color)

Illustrates the necessary materials and various styles of finger painting for young children.

c-a 8 minutes $2.70

FINGER PAINTING TECHNIQUES (JHP, Color)

Demonstrates this medium through which the average person, without artistic talent, can find artistic expression.

i-j-h-c-a 11 minutes $2.70

FINISH FORMING BY HAND (UW)

Presents various stages of forming with a flat fibre strip; shrinking large wrinkles with a forming tool; marking excess metal with a surface gage; and checking finished work with a contour template.

h-c-a 16 minutes $2.85

FINLANDIA (SF)

Sibelius, himself, at work and at leisure about his home before a musical backdrop of "Finlandia" and his immortal "Second Symphony." Music by the Helsinki Philharmonic Orchestra.

j-h-c-a 10 minutes $1.85

FIRE (EB)

Describes domestic uses of fire, principles of combustion, nature of fire hazards and principles of fire-extinguishing.

j-h-c 11 minutes $1.50

FIRE (NSC)

The careless flip of a match causes a large plant to burn and puts hundreds of men out of work. An appeal for caution on the part of every employee.

h-c-a 25 minutes $3.70

FIRE AND POLICE SERVICE (VGF)

Typical examples of the examination requirements, tools and apparatus which must be handled with skill and teamwork expected of a fireman illustrate the first part of the film. Types of police work, the training necessary and opportunities within the field conclude this vocational guidance subject.

h-c 11 minutes $1.85

FIRE . . . AND YOUR HOSPITAL (AP)

Stressing the importance of a well planned fire safety program designed for the individual needs of every hospital. The DO'S and DON'TS of fire protection in hospitals are presented in a manner of interest to not only hospital employees, but all of us who have the welfare of the community at heart.

h-c-a 25 minutes $3.70

FIRE CISTERNS FOR THE FARM (PCA, Color)

Stresses the advantage of having a fire cistern on the farm. Shows how to construct a cistern. Available to Illinois users only.

h-c-a 13 minutes No charge

FIRE CONTROL (JH)

The film shows graphically, with animated diagrams and actual photography of cutaway engines, how the modern cylinder head has been designed to provide efficient fire control.

The student sees how the spark plug fires in the automobile engine, igniting the gas which forces the piston down in the power stroke. The part played by the cylinder head in controlling the speed with which the gas burns is demonstrated. The shape of the combustion chamber is shown to be designed so that the engine extracts from each bit of gasoline burned all the power for efficient engine performance.

j-h-c 8 minutes $1.50

FIRE EXIT DRILLS AT OUR SCHOOL (C)

Shows the importance of being quick, reacting to the alarm, orderly yet quickly leaving the classroom, knowing what to do if one is not in his room when the alarm is sounded, and other specific skills which make for good, safe fire exit drills.

p-i 10 minutes $1.50

FIRE FIGHTING FOR HOUSEHOLDERS (UW)

Shows various ways of fighting fires which might result from enemy attack, describes various types of home fire extinguishers, and illustrates other methods of putting out fires.

j-h-c-a 8 minutes $1.50

FIRE IN THEIR LEARNING (NEA, B&W or Color)

Shows how a fourth-grade class made a study of fire and fire prevention. Intended to demonstrate good teaching methods and procedures in safety education.

c-a 19 minutes B&W $2.65, Color $4.25

FIRE PREVENTION In the Home (EB)

Employs a story treatment to teach awareness of important aspects of fire prevention in the home. Demonstrates the proper use of matches and of a fire extinguisher. Illustrates investigation of electric outlets and points out common danger spots in attics and basements. Stresses the desirability of making fire prevention a family matter.

p-i 14 minutes $2.25

FIRE SAFETY IN HOSPITALS AND SANITARIUMS (CIS)

Shows common causes of fire in hospitals and sanitariums. Illustrates use of safety devices and emergency fire fighting equipment. Explosion hazards in the surgery and delivery rooms are emphasized.

h-c-a 25 minutes $3.70

FIRE UPON THE EARTH (BFC, Color)

Presents a history of the Christian church from the Protestant point of view from Pentecost and the missionary work of St. Paul through the conversion of Constantine, the establishment of the church in Rome, the Reformation, and the development of Protestantism in the United States, to the World Council in Amsterdam.

j-h-c-a 26 minutes $5.20

FIRE WEATHER (USDC)

Shows how the U. S. Weather Bureau gathers forest fire weather data and distributes warnings of fire hazards.

j-h-c 20 minutes Handling charge, $1.00

FIREMAN (TOM, Color)

How do firemen get upstairs? What kind of clothes do firemen wear? Where do firemen eat and sleep? What goes on in a fire-station all day long? Primary graders posed the questions FIREMAN answers. Here is a picture revealing today's trained fire-fighter as he really is.

p-i 11 minutes $2.70

FIREMAN, THE (EB)

Portrays in detail the organization and activities of a company of firemen in a modern city. Care of equipment, drills, testing of trucks, hose ladders and lifesaving devices are shown in typical settings. A real fire affords an opportunity to observe the firemen answering the alarm and extinguishing the blaze with the latest type of fire-fighting apparatus.

i-j-h-c 11 minutes $1.50

FIREPOWER (OWI)

Dramatizes the vital need for all types of guns and ammunition, showing how nations which did not have sufficient firepower fell before the Nazis. Sequences tell how men and women of those nations are now working along with our workers. The film ends with a great demonstration of American weapons.

h-c 11 minutes $1.50

FIRST AID (TFC, Restricted to Classroom Use)

Demonstrates the proper Red Cross first aid techniques.

j-h-c-a 31 minutes $4.35

FIRST AID FOR WOUNDS AND FRACTURES (EB)

This excellent picture focuses attention on the need for first aid knowledge and describes proper procedures in caring for an injured person from the time of injury until medical aid arrives. Methods of applying pressure at different parts of the body for stopping arterial bleeding are demonstrated. Animated drawings clarify anatomical and physiological features.

j-h-c 11 minutes $1.50

FIRST AID, PART 2: EVERYDAY EMERGENCIES (UW)

First aid measures for poisoning, snake bites, scratches, blisters, fainting, etc.

j-h-c-a 33 minutes $3.85

FIRST AID: FUNDAMENTALS (C, B&W or Color)

An introduction to first aid: covers skin wounds, burns, sprains and bruises and presents an introductory demonstration of the back-pressure arm-lift method of artificial respiration.

i-j 10 minutes B&W $1.50, Color $2.70

FIRST AID IN THE PREVENTION OF SHOCK (UW)

Illustrates the importance of rendering first aid following accidents so the patient will not enter into a state of shock.

h-c-a 26 minutes $3.70

FIRST AID ON THE SPOT (EB)

Features six common types of injuries or disabilities and the American Red Cross approved technique for handling each specified case. Types are: caring of wounds, burns, and shock; splinting, control of bleeding, and administering artificial respiration.

j-h-a 11 minutes $1.50

FIRST ARCHITECTS (AL)

Presents the ingeniousness of animals in choosing a site and constructing their homes. Animals shown are eagle, beaver, fox, and the spider.

i-j 10 minutes $1.85

FIRST AS A CHILD (IFB)

Shows the case history of a crippled child from the time of the public health nurse's visit to his home, through diagnosis, treatment, and aftercare; and demonstrates the operation and benefits of a well-planned program for the care of crippled children in one community.

h-c-a 22 minutes $2.65

FIRST ATOMIC PILE

(TFC, Restricted to Classroom Use)

After a demonstration of the first test of the theories of nuclear fission at the University of Chicago, the need for the cooperative efforts of scientists is stressed and attention is focused on human relationships and attitudes arising from scientific progress.

j-h-c-a 17 minutes $2.65

FIRST CHAIR, THE (CGC)

Takes a trip through the world's largest band instrument factory with demonstration performances on various wind instruments.

j-h 35 minutes $2.00

FIRST 40 DAYS — KOREA (UW)

Features the role of the U.S. Army in combat during the first 40 days of the Korean crisis. Sequences in the film show troops arriving in Korea and becoming acquainted with the terrain, supplies and equipment being unloaded, G.I.'s digging foxholes, combat scenes of General Walker and General Dean, replacement units and supplies being received, combat action in Taejon, units blowing up bridges behind them to delay the advance of North Korean forces, and the establishment of a line of defense against great odds.

h-c-a 24 minutes $3.70

FIRST IMPRESSIONS (UW)

Discusses reasons why new employees may not like their jobs and gives some primary steps in giving them a good first impression of their work.

c-a 21 minutes $2.65

FIRST IN THE HEARTS OF FARMERS (AP)

This film is woven around some of the farming experiences of George Washington and the emphasis he placed on plant food in a well-rounded land management program. It brings to life our first president's farming practices and observations. It also takes the technical facts about fertilizer use and soil management and makes them into an interesting, vital story. The film impresses on its viewers the importance of soil fertility to profitable farming operations.

general 20 minutes Handling charge, $1.00

FIRST LESSON, THE (McGH)

Demonstrates a simplified method of teaching Gregg Shorthand on the first day of class.

h-c-a 15 minutes $3.50

FIRST LESSONS (IFB)

A teacher is faced with many problems when an aggressive child becomes a member of the class: the child himself and the attitudes of the other children who are exposed to his behavior.

c-a 22 minutes $3.00

FIRST PRINCIPLES IN GRINDING (CAR)

Illustrates the composition and manufacture of silicon carbide and aluminum oxide grinding wheels. Methods of operation and many uses in grinding procedures in the machine shop are shown.

h-c-a 42 minutes $4.00

FIRST SEIZE HIS BOOKS

(TFC, Restricted to Classroom Use)

Shows how an honored and celebrated non-Aryan German science professor is discredited and cast into a concentration camp when Hitler comes to power because of his refusal to accept the Nazi racist theories.

h-c-a 20 minutes $2.65

FIRST STEPS (FPS)

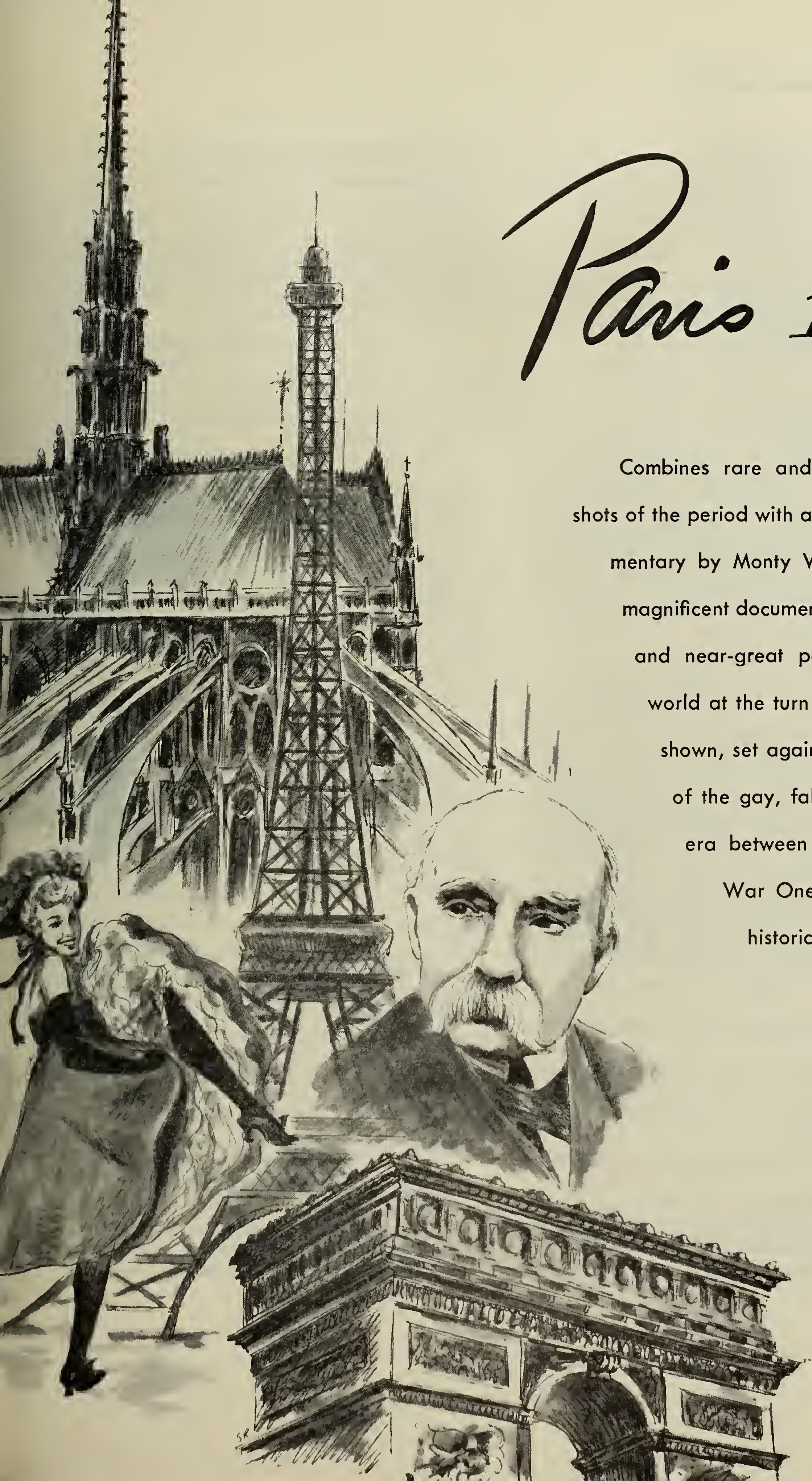
Concerned with the training of children crippled by paralysis, in a program designed to help them become normal citizens, useful to themselves and to society. Demonstrates how training and practice in the handling of toys and hobby materials can be transformed into handling of tools and utensils necessary for normal living. Taken in a summer camp for these children, the film ends as a little boy leaves his parents to take his first unaided steps on a crowded city street.

h-c-a 11 minutes $1.85

FISH IS FOOD (SF)

Shows the development of fish as food for man from the catch in the ocean to the family dinner table. Photographed in New York City, shows a great city meeting its daily requirements of this basic food.

j-h-c-a 10 minutes $1.85



Paris 1900

Combines rare and unusual newsreel shots of the period with an outstanding commentary by Monty Wooley to make a magnificent documentary. All the great and near-great personalities of the world at the turn of the century are shown, set against the background of the gay, fabulous Paris of the era between 1900 and World War One. A film of great historical and sociological significance.

FISH OUT OF WATER (EF)

Typical grunion fishermen experience an exceptional grunion run.

i-j-h-c 11 minutes $1.50

FISHERS OF MEN (UW)

Tells how Simon and Andrew, fishermen on the Lake of Galilee became disciples of Jesus; and shows the impact of Jesus' personality on the disciples, their families, and the people of the community.

j-h-c-a 20 minutes $2.65

FISHING THRILLS (UW)

Is designed for disciples of Isaac Walton. You don't wait for a bite, a thrill or a fish in this exciting film. The camera goes where the gamesters hungrily eye the bait and strike with a flash of silver scales. You hold fast to a bending rod, you give a fighting fish more line, you meet his vicious rushes, you strain to reel him in, you win the battle. You'll know the feel of it, the thrill of it every time you enjoy this great home movie on your own screen.

i-j-h-c 11 minutes $1.85

FISHING TROUBLE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

FIT TO WIN (TFC, Restricted to Classroom Use)

A portrayal of various athletic exercises and activities, all of which are aids to health. A large group of girls on an athletic field swing Indian clubs in unison. Danish athletes illustrate the exercises developed to build strong backs and waists. Naval Academy students perform on the rings, parallel bars, horses, etc. Joe Louis is seen punching the bag and in the training ring. Young thoroughbreds are shown with their forelegs taped in the field. Several boatloads of college crew aspirants are seen in practice spins. A football team practices tackling on dummies, also kicking and passing.

j-h-c 10 minutes $1.85

FITTING AND SCRAPING SMALL BEARINGS (UW)

Shows and explains the procedures, methods, and operations followed in hand scraping curved surfaces. The scraping of split and solid bearings, the laying out and chipping of oil grooves are also demonstrated.

h-c-a 24 minutes $3.70

FIVE COLORFUL BIRDS (C, Color)

In their natural habitats scenes of goldfinch, cedar waxwing, yellow-headed blackbird, red-headed woodpecker and bluejay.

i-j-c 10 minutes $2.70

FIVE FILM EXERCISES (WHI, Color)

An experiment with abstract art on film. An adaptation of the standard optical printer, paper cutouts, pantographs, and color filters supply the image. The sound track is also synthetic and is made mechanically. Thus both image and sound are at the same time infinitely variable and positively controllable, and the technique evolved permits a unified approach to the potentialities of the film medium.

c-a 22 minutes $4.25

FIVE LITTLE PUPS (COF)

Five little pups in a pet shop are sold one by one. Each becomes successful, but the hero, a mongrel, never had a chance.

p-i-j 10 minutes $1.50

FIXED GAGES (USOE)

Speed, without losing precision, during a period of national defense makes the use of fixed gages more important than ever before. The various types of go-no-go gages are explained and flush pin, taper ring and taper plug gages are all shown in actual use. Animated drawings are used to give the student the proper conception of "tolerance." Throughout the entire film the student is constantly reminded of the importance and necessity of acquiring the correct use and proper care of fixed gages.

h-c 22 minutes $2.65

FLAG SPEAKS, THE (TFC, Restricted to Classroom Use, Color)

Represents the flag, symbol of freedom and democracy for hundreds of social and racial divisions of 150 millions of people, and cites significant events in its autobiography. The final sequences are a guide to the correct use of the flag and correct manners of salute, closing with the singing of "America the Beautiful."

i-j-h-c 19 minutes $4.25

FLAGS ON DUTY (F)

For centuries the flag has been used to serve mankind as a symbol of things dearest to man's heart. A brief historical introduction shows ten of the more important flags of the United States. The upholstery shop where Betsy Ross made her flag and Independence Hall are shown. The English and French ships, at war, are shown with only one spot of color — the flag. The uses of flags for signalling are also shown.

general 11 minutes $1.85

FLATBOATMEN OF THE FRONTIER (EB)

Reveals how the early settlers of the Ohio Valley were required to be "Farmer Boatmen" through their dependence on the soil for livelihood and on the rivers for transportation. Good frontier personalities, speech, and music are interwoven throughout.

i-j-h 11 minutes $1.50

FLEET THAT CAME TO STAY (OWI)

Splendid scenes of Navy resistance to Kamikaze attacks.

general 22 minutes $2.65

FLIGHT OVER THE ARCTIC (AAER)

The geography of "Greenland's Icy Mountains" and the continental ice cap are shown in this film.

i-j 11 minutes $1.50

FLIGHT SAFETY — DISORIENTATION CRASHES (CAA)

Presents the problem of avoiding disorientation crashes.

c-a 5 minutes Handling charge, $1.00

FLIGHT SAFETY — EMERGENCY LANDING ON LAND (CAA)

Shows the do's and don'ts of emergency landings.

h-c-a 6 minutes Handling charge, $1.00

FLIGHT SAFETY — FLAT HATTING (CAA)

Shows the dangerous habit of flat hatting as nothing more than childish behaviour which endangers life and property and brings disaster to the pilot in the form of a courts martial and discharge from the Navy.

h-c-a 5 minutes Handling charge, $1.00

FLIGHT SAFETY — LANDING ACCIDENTS (CAA)

Emphasizes the precepts for proper landing technique: go over check-off list, be alert at all times, make every landing your first, make a good long approach, keep a proper interval, keep a sharp lookout for any danger, don't be afraid to take another turn when necessary, go over the check-off list again, keep air speed adequate, and remember the check-off list.

h-c-a 6 minutes Handling charge, $1.00

FLIGHT SAFETY — SPINS AND STALLS (CAA)

Emphasizes the need for flight safety precautions. Sets up five rules to be followed and visualizes case histories of stall-spin accidents to show why they happened and how they could be avoided in the future.

c-a 18 minutes Handling charge, $1.00

FLIGHT SAFETY — TAXIING COLLISIONS (CAA)

Presents the problem of avoiding taxiing accidents.

h-c-a 5 minutes Handling charge, $1.00

FLIPPER, THE SEAL: BACKGROUND FOR READING AND EXPRESSION (C, B&W or Color)

At the zoo a group of school children watch Flipper, the seal, and afterwards one boy decides to learn more about seals. What seals eat and how they swim, dive, and care for their young are learned in conjunction with the meaning of such words as waves, swimming, dive, and fur.

p-i 11 minutes B&W $1.50, Color $2.70

FLOOD (UW)

Shows the causes and consequences of floods to farmers and to the nation, and demonstrates what individuals can do to help prevent floods.

h-c-a 8 minutes $1.50

FLOOD WEATHER (USDC)

In this film are featured the Potomac and Ohio River floods to show weather forecasting for river navigation and flood protection.

j-h-c 35 minutes Handling charge, $1.00

FLOORWALKER, THE (BRF)

Presents Charlie Chaplin in slapstick tradition with the action built around a moving staircase in a department store. Charlie's resemblance to the floorwalker begins by both thinking they are looking in the mirror. Shows a hilarious chase down the escalator moving up.

general 20 minutes $3.00

FLORENCE (COF, Color)

Pictures the importance and history of Florence and its place in the Renaissance, art and other cultural fields; shows people of the past who made Florence famous and describes their works.

j-h-c-a 12 minutes $4.25

FLORIDA (INF, Color)

Presents the historical, geographical, industrial, and scenic highlights of the state.

i-j-h-c-a 10 minutes $2.70

FLOW OF ELECTRICITY (YA)

Presented in this film, through simple demonstration, are the factors that affect the flow of electricity in a simple circuit and the application of such a circuit in the home.

i-j 10 minutes $1.85

FLOWER ARRANGEMENTS FOR THE HOME: PART I (IFB, Color)

Points out the need for artistry in flower arrangements and demonstrates a series of container and flower combinations.

h-c-a 20 minutes $4.25

FLOWER ARRANGEMENTS FOR THE HOME: PART II (IFB, Color)

Demonstrates importance of balance, contrasting colors, and consideration of backgrounds and textures of containers in achieving best effects.

h-c-a 20 minutes $4.25

FLOWER ARRANGEMENTS OF WILLIAMSBURG (CWI, Color)

Shows the planning and execution of the bouquets used in the restored buildings of Colonial Williamsburg. In the course of the film six complete flower arrangements and one of fruit are put together by Mrs. Fisher.

h-c-a 29 minutes $5.20

FLOWERING DESERT (BFS, Color)

Locates on a map the principal desert areas of the world and then illustrates the nature and characteristics of desert climate and topography. Shows spring in the desert and relates typical desert birds and animals to their surroundings.

j-h-c-a **11 minutes $4.25**

FLOWERS AT WORK (EB)

The parts and the physiology of plant flowers are artistically presented by animation. Time-lapse photographs, as well as animated diagrams, present various types of flowers and different methods of pollination. The relation of insects to cross-fertilization of flowers is clearly illustrated. The picture closes by showing how man has modified the form of flowers by cultivation.

i-c 11 minutes $1.50

FLUID FLOW IN HYDRAULIC SYSTEMS (CAA, Color)

Demonstrates and explains the nature of liquids, types of flow, causes of types of flow, and flow through pipes and orifices.

h-c-a **8 minutes Handling charge, $1.00**

FLY HIGH AND LIVE — OXYGEN EQUIPMENT (CAA)

Explains the operation of the new diluter demand oxygen equipment and points out its safety features.

a **28 minutes Handling charge, $1.00**

FLYING A KITE (EB, Color)

The amusing story of the Baxter family on a picnic. After several mishaps, Frank and Molly are successful in getting their kite high into the air. An old billy goat, hungry for a tasty paper kite, charges toward it when it lands in a nearby field. Penny, Frank's dog, saves the day by keeping the goat away and is rewarded with an extra dog biscuit.

p **5 minutes $1.60**

FLYING THE TURN (CAA)

Explains and illustrates: slipping and skidding and the need to bank the plane in a turn to prevent slipping or skidding, how to tell when a plane is properly banked, what sequence of control movements is needed to put the plane into a turn and bring it out of the turn; centripetal force and how it is obtained.

h-c-a **6 minutes Handling charge, $1.00**

FLYING THE WEATHER MAP — THE EQUATORIAL FRONT (CAA)

Gives all available information about the equatorial front, what area it covers, how it is caused, how the clouds look, where and when it changes — seasonal, daily, hourly — and how to calculate changes. Tells how to fly the equatorial front; states that up-to-date information about the front depends on data which pilots bring back from trips.

h-c-a 12 minutes Handling charge, $1.00

FLYING THE WEATHER MAP — THE HOWGOZIT CHART (CAA, Color)

Explains the purpose of the Howgozit Chart and shows how the Flight Control Officer plots the expected fuel consumption and the Navigator checks consumption during the flight's progress. Studies the various markings of the chart, and follows the charting of a flight from Scotland to Newfoundland.

h-c-a 13 minutes Handling charge, $1.00

FOLK SONG FANTASY (NFBC)

Colorful animated puppets enact the narratives of three folksongs, "The Riddle Song," "Who Killed Cock Robin?" and "The Cooper of Fife."

h-c-a 8 minutes $1.85

FOLLOW THE ARROW (TFC, Restricted to Classroom Use)

A study of archery technique.

j-h-a 10 minutes $1.85

FOOD (YA)

Discusses and illustrates the storing, salting, canning, dehydrating, and freezing methods of food preservation. The reasons for food spoilage are explained in detail.

h-c-a 15 minutes $2.65

FOOD AND SOIL (USDA, Color)

Attempts to make three points. These are that all the food we eat, with the exception of sea food, comes directly or indirectly from the soil, that this soil, upon which our very existence and way of life depend, is being wasted at an alarming rate and lost forever, and that conservation farming methods which protect and rebuild the soil must be used where needed if our national appetite is to be satisfied and our standards of health maintained. These points are presented in a simple, direct, and pleasing manner.

h-c 11 minutes $2.70

FOOD FOR FIGHTERS (OWI)

No longer are beans the mainstay of a soldier's diet. Today the science of nutrition has gone to war and under the supervision of scientists and technicians, American soldiers are the best fed army in the world.

This film shows how the Quartermaster Corps of the U.S. Army goes about feeding millions of American soldiers.

j-h-c 10 minutes Handling charge, $1.00

FOOD FOR PARIS MARKETS — FRANCE (UW)

How large cities depend upon productive rural hinterlands to supply them with food is the lesson presented in this film. Paris, the first city of France, is one of the largest four cities on the mainland of Europe. Fortunately it can be reached easily from all parts of the country. And equally fortunate, France has within its borders many areas of fertile land. Hence France can feed the people of Paris and the rest of the country. It is one of the Western European countries which has achieved a large degree of self-sufficiency in food supply.

i-j-h 22 minutes $2.65

FOOD FOR THOUGHT (USDI, Color)

The school lunch manager is an important member of the faculty. Shows her work in menu planning and serving. Fish is taken as an example of the meat dish in a school lunch. The processing of fillets from the time the fish are caught until they reach the table is shown.

j-h 22 minutes Handling charge, $1.00

FOOD FROM OUR GARDEN (EB, Color)

Portrays a garden at the time when the vegetables have matured. It reveals the function of roots in anchoring and nourishing plants, and of leaves in producing energy. It explains that various plants have different edible parts, such as fruits, stems, bulbs, and roots.

i-j 11 minutes $2.70

FOOD STORE (EB)

Jack and Ann help their mother in selecting produce, canned goods and watch a butcher cut a roast.

p-i 10 minutes $1.50

FOOD THAT BUILDS GOOD HEALTH (C, B&W or Color)

Relationship of good health to the foods we eat and what foods our bodies need is stressed in this motion picture. Students will see irritability, lack of energy and physical weakness as just one result of a poor, unbalanced diet based on eating "what they want" rather than what they need. How eating the right foods in the right amounts regularly contributes to building strong, healthy bodies is shown.

i-j-a 11 minutes B&W $1.50, Color $2.70

FOOD — WEAPON OF CONQUEST (EFLA)

Is based on captured German war films, Allied newsreels and original documentary material filmed in Montana, Pennsylvania, Iowa, the Canadian Northwest and Britain. The film shows how extensively our enemies and our allies have applied their knowledge of energy-giving foods to feed the armed forces, why the Western Hemisphere must undertake to feed the whole world during the war, why natural resources must be planned for use and not exploited for markets alone, and how starving people may be forced to submit to regimes that they despise.

j-h-c 20 minutes $2.65

FOODS AND NUTRITION (EB)

Animated treatments portray normal dietary requirements of carbohydrates, fats, proteins, minerals, vitamins, and water. The absorption of sugars by the blood stream and their transformation to glycogen in the liver, together with the absorption and storage of fats are explained. The metabolism of carbohydrates, fats, and proteins in the body, and the technique of determining the basal metabolism rate are portrayed. Microphotography shows the growth of tissue culture.

j-h-c 11 minutes $1.50

FOOTBALL: HAIL NOTRE DAME (RKO)

The meticulous care exercised in putting a championship football team together.

j-h-c-a 15 minutes $2.65

FOOTBALL: TOUCHDOWN TARS (RKO)

The United States Naval Training Station at Great Lakes, Illinois, and its famous war-time football team.

j-h-c-a 15 minutes $2.65

FOOTBALL FUNDAMENTALS: BLOCKING AND TACKLING (C)

Shows defensive and offensive techniques after an introduction by Tug Wilson who stresses the importance of good blocking and tackling.

j-h 10 minutes $1.50

FOOTBALL KICKING TECHNIQUES (ATH)

Ken Strong illustrates the fine points of punting, place kicking and other details important to good kicking in football.

h-c 19 minutes $2.65

FOOTBALL PARADE OF 1945 (UW)

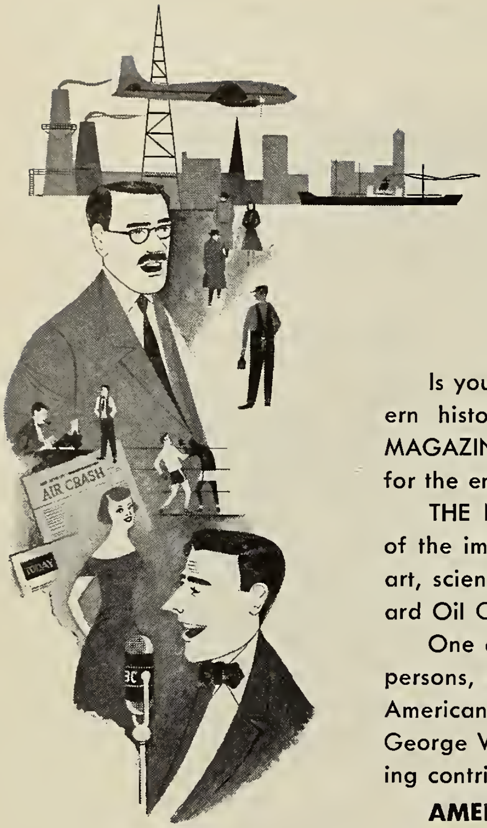
Film highlights of Army-Navy, Columbia-Yale, Georgia Tech-Tulane, Notre Dame-Illinois, Washington-So. California, Navy-Notre Dame, Michigan-Ohio State, Indiana-Purdue and Purdue-Ohio State.

general 10 minutes $1.85

FOOTBALL PARADE OF 1946 (UW)

The most thrilling highlights of a great football season are shown. Included are the Army-Navy, Army-Columbia, Georgia-Alabama, Notre Dame-Iowa, Penn-Navy, Texas-Oklahoma and Illinois-Pittsburgh game.

general 10 minutes $1.85



News Magazine of the Screen and American Film Forum

Is your school taking full advantage of its opportunities in the fields of modern history, current events, political science? Two film series, THE NEWS MAGAZINE OF THE SCREEN and the AMERICAN FILM FORUM, are excellent tools for the enrichment of the school curriculum in those areas.

THE NEWS MAGAZINE OF THE SCREEN is a monthly 20-minute summary of the important news events of the month, plus feature stories of handicrafts, art, science, and many others. It is sponsored for Illinois schools by the Standard Oil Company of Indiana.

One of the outstanding features is the "American Heritage" series detailing persons, events and places that have played a large part in the growth of American life. This feature, in February, 1954, received one of three gold George Washington Honor Medals from the Freedom Foundation for "outstanding contributions to a better understanding of the American Way of Life."

AMERICAN FILM FORUM is also a monthly series in which a specific issue of importance to the American people is discussed by persons in public life who are informed on the issues. Some example titles have been: "Should Senate Debate be Limited?" "Should American Tariffs be Lowered?" and "Is Fighting Communism Periling Civil Rights?" In all cases great care is taken that all sides of issues be presented. Some of the persons appearing have been former Senator Harry Cain of Washington, Senator Paul Douglas of Illinois, and former Representative Fred Hartley, Jr., co-author of the Taft-Hartley Law.

Prices on these two series are:

NEWS MAGAZINE OF THE SCREEN $9.00 per year, for 9 issues. Individual issues may be borrowed for $1.00 each after the month in which they are current.

AMERICAN FILM FORUM For the current year, 9 issues for $36.00
One year after issue, 9 issues for $20.00
Second year after issue, 9 issues for $15.00
Third year after issue, 9 issues for $9.00

Individual issues for the current year are $7.50. Individual issues for previous years are one-ninth of the rate for the entire block.

Each year a new set of 9 issues will be produced. The rate for current issues applies to that particular year, and the sliding scale goes into operation for each set in the year following their release.

These features are "bicycled" on circuits; that is, one school uses the film and sends it on to the next school on the schedule which is mailed with each print, rather than being returned to Visual Aids. For this reason we ask that patrons be especially careful in projection as we are unable to inspect and repair the film where necessary after each showing as we can with regular schedulings.

School Projectionists of Illinois

One of the activities promoted and encouraged by the Audio-Visual Aids Service is the School Projectionists' Club of Illinois. This Club is statewide in its membership and includes students in grade schools, junior high schools, and high schools who regularly act as projectionists for showings of films or filmstrips, or operators of tape recording equipment.

The reproductions on this page show the membership card which all qualified projectionists receive.

The certification of projectionists is left to the discretion of the school's audio-visual administrator. He judges the qualifications of his group of projectionists, and requests blank cards for as many as he wishes to certify. These cards, after being filled out, are returned to the Audio-Visual Aids Service, and are signed by the Supervisor of Audio-Visual Aids, University of Illinois. They are then returned to the school for distribution.

A number of schools award projectionists' letters on the same basis as that on which athletic and other activity letters are awarded.

We feel that this statewide participation gives students a feeling of unity and responsibility not easily achieved otherwise.

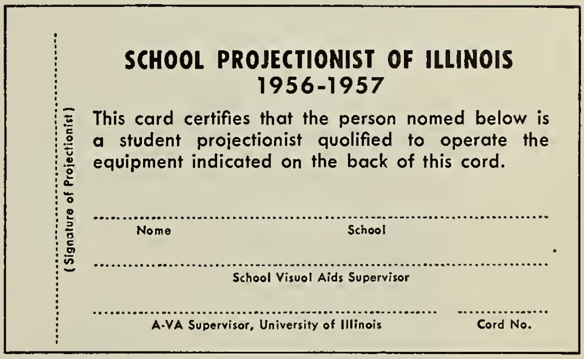
The Visual Aids Service also holds, early in the fall, a projectionists' clinic, in which experts from a number of projector manufacturing companies demonstrate the operation of their machines, and lectures on techniques are given.

Some excellent training handbooks are available, among them:

THE AUDIO-VISUAL HANDBOOK, by Ellsworth C. Dent, published by the Society for Visual Education, Inc., 1345 West Diversey Parkway, Chicago 14, Ill.

THE EFLA REDBOOK OF AUDIO-VISUAL EQUIPMENT, published by the Educational Film Library Association, 345 East 46th Street, New York 17, N.Y.

Individual projector manufacturing companies also publish valuable handbooks to their own equipment.



SCHOOL PROJECTIONIST OF ILLINOIS
1956-1957

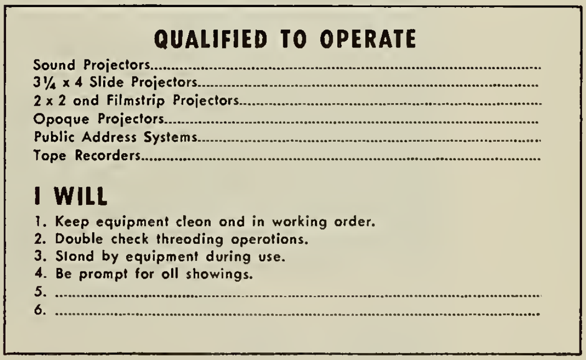
This card certifies that the person named below is a student projectionist qualified to operate the equipment indicated on the back of this card.

(Signature of Projectionist)

Name .... School ....

School Visual Aids Supervisor ....

A-VA Supervisor, University of Illinois .... Card No. ....

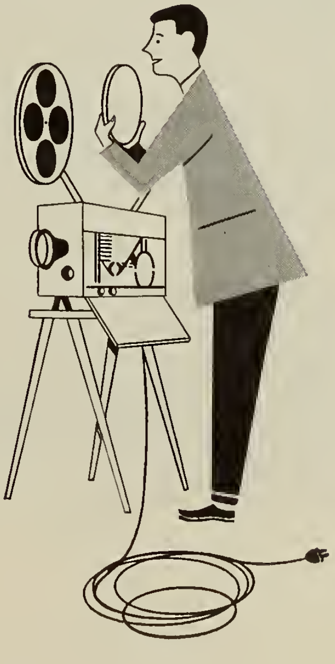


QUALIFIED TO OPERATE

Sound Projectors........
3¼ x 4 Slide Projectors........
2 x 2 and Filmstrip Projectors........
Opaque Projectors........
Public Address Systems........
Tape Recorders........

I WILL

1. Keep equipment clean and in working order.
2. Double check threading operations.
3. Stand by equipment during use.
4. Be prompt for all showings.
5. ....
6. ....



FOOTBALL PARADE OF 1947 (UW)

Film highlights of Penn-Columbia, UCLA-Southern California, Syracuse-Penn State, Yale-Harvard, Oklahoma-Georgia, Michigan-Illinois, Notre Dame-Tulane, Army-Navy.

j-h-c 11 minutes $1.85

FOOTBALL PARADE OF 1948 (UW)

Thrill packed plays and dramatic moments seen from the perfect vantage point as the greatest college teams meet on the gridiron. Here is the best in football.

general 10 minutes $1.85

FOOTBALL PARADE OF 1949 (UW)

Highlights of the season's outstanding games.

general 11 minutes $1.85

FOOTBALL THRILLS OF 1939 (ICS)

Carnegie-Pitt; Northwestern-Oklahoma; Pennsylvania-Michigan; Minnesota-Michigan; Harvard-Princeton; Cornell-Ohio State; Notre Dame-Navy; New York University-Missouri; Yale-Harvard; Army-Navy are the games shown in this movie.

j-h-c 10 minutes $1.85

FOOTBALL THRILLS OF 1940 (ICS)

Those who have relived yelling pandemonium after a 60-yard run to a touchdown . . . those who have thrilled to sensational passes and trick plays know what this movie has in store for them. Only the crucial meetings of our great elevens and only the stellar plays of these games are selected for review.

j-h-c 10 minutes $1.85

FOOTBALL THRILLS OF 1941 (ICS)

Highlights of the 1941 gridiron season are brought out in dramatic review: Fordham-Southern Methodist; Duquesne-St. Mary's; Yale-Princeton; Minnesota-Northwestern; Columbia-Princeton; Duke-Georgia Tech; Notre Dame-Navy; Harvard-Yale; Army-Navy.

j-h-c 11 minutes $1.85

FOOTBALL THRILLS OF 1942 (ICS)

Shows exciting portions from the following football games: Army-Navy, Harvard-Yale, Ohio State-Michigan, Northwestern-Illinois, and many others.

j-h-c 11 minutes $1.85

FOOTBALL THRILLS OF 1943 (ICS)

The best moments from the big games of the past season are shown in this sports review. Although the film will be of interest to everyone, it is especially useful to football coaches and players. The fine points of good football — smooth playing, good teamwork, and anticipatory action — make this fast moving film particularly valuable.

general 11 minutes $1.85

FOR EVERY CHILD (BFC)

Designed to confront adults with the serious need of all children for faith in God and to stimulate in adults a sense of responsibility to provide for this need in the light of Christ's command. "Let the children come to me."

h-c-a 29 minutes $8.00

FOR HEALTH AND HAPPINESS (USDA)

The picture illustrates the dependence of good growth on nutrition and shows the food groups that make up the diets that have contributed to an all-round development of the child from infancy to maturity.

h-c 11 minutes $1.50

FOR SOME MUST WATCH (ILI)

In every American community, there is among its leaders a man, or woman, who goes quietly, modestly about the task of making his town, his neighborhood, a better place in which to live, contributing in large measure to the happiness and well being of his fellow men — as does Jack Sutton, life insurance agent in the town pictured in this film.

general 30 minutes Handling charge, $1.00

FOR US THE LIVING (PRA, Color)

After a trip through Washington, D.C., shows the government's health service to the people: Food and Drug Administration and Federal Trade Commission, and pictures the manufacturing and testing of drugs.

h-c-a 15 minutes $1.00

FOR YEARS TO COME (CC, Color)

Is a faithful presentation of one farmer's experience in changing over to soil conservation farming. The camera follows the farmer and his family in their activities for one year — from harvest to harvest. The picture shows in detail how soil conservation farming is started and carried on.

h-c 20 minutes $4.25

FORCE AND MOTION (C)

Here we see how a young boy's curiosity leads him to investigation and comprehension of force, mass, acceleration and their interrelationships. The film also portrays visually the effects of the basic laws of mechanics and Newton's Three Laws of Motion, and introduces the student to such terms as inertia, momentum and reaction.

j-h-c 11 minutes $1.50

FORCE OF GRAVITY (YA)

While roller skating, Judy experiences gravity. She learns other things about what gravity does, how it relates to weight and speed of falling, and a concept of what it is.

p-i 11 minutes $1.85

FOREST AND CONSERVATION (C, Color)

Color film study of the problem of how to conserve and utilize our forest resources. Shown is correct logging, reforestation and fire-fighting.

j-h-c 10 minutes $2.70

FOREST CONSERVATION (EB, Color)

Calls attention to the many ways in which man has unwittingly depleted the forest by greedy and ignorant exploitation for his own gain. Forecasts the dire and dangerous results of this exploitation if it is continued. Suggests finally what is being done and must continue to be done in order to save the forest and its vast resources.

j-h 11 minutes $2.70

FOREST GROWS, THE (EB, Color)

Presents the story of how our forests grow. Points out and describes the various elements that contribute to the mature forest, emphasizing the unique contribution of each element. Explains forest zones in relation to temperature and rainfall, and defines the phrase "the climax forest" in terms of dominating species that predominate when the forest is mature.

j-h 11 minutes $2.70

FOREST PRODUCES, THE (EB, Color)

Portrays the development by the forest of the great life-giving resources which man exploits. Describes timber and how it grows; explains the watershed's vast underground reservoir, and recalls the facilities of the forest for man's use in physical and spiritual recreation. Implanted in the film are hints as to how these forest resources are threatened by man.

j-h 11 minutes $2.70

FORESTRY AND FOREST INDUSTRIES (VGF)

Examples of the general kinds of occupations found among the one million people engaged in the harvesting, processing and distribution of forest products are well illustrated. Scenes and information about the working conditions are also a part of this guidance film.

j-h-c 11 minutes $1.85

FORGOTTEN VICTORY
(TFC, Restricted to Classroom Use)

In 1898 Mark Carleton, a grain investigator for the Department of Agriculture, was assigned to find a cure for grain ailments such as "peat rust." Carleton's discovery of a hard wheat called "Kubanka" and of his difficulty in getting the adequate machinery installed in America for handling the hard grain is illustrated.

h-c-a 11 minutes $1.85

FORM (EB, Color)

The character of an object is revealed through its form. Children will enjoy playing the "What Is It?" game with forms that have a name. Helps create an awareness of the importance of form in the structure of art.

i-j 6 minutes $1.85

FORM EVOLUTION (AFF, Color)

Demonstrates a number of fundamental concepts of non-representational sculpture — concepts of form, volume, and form in motion.

h-c-a 13 minutes $4.25

FORMING ALUMINUM — BLANKING AND PIERCING (USBM)

The techniques of blanking and piercing are profusely illustrated by animated drawings throughout the film, which opens with a description of the tools employed and the material used in blanking, followed by the operations of the die and punch. The film closes with a summary of instructions on design, lubrication, and maintenance of tools.

h-c 15 minutes Handling charge, $1.00

FORMING ALUMINUM — DRAWING (USBM)

The techniques of sheet metal working are illustrated by animated drawings throughout this film, which opens with reference to the properties of cold-working and heat-treatable aluminum alloys, and the purpose of heat-treating and refrigerating the metals. The functions of the single-action and double-action or toggle drawing press are described. The film closes with a summary of operations and instructions on selection of metal and use of tools.

h-c 22 minutes Handling charge, $1.00

FORMING ALUMINUM — GENERAL SHEET METAL PRACTICE (USBM)

The techniques of sheet metal working are illustrated by animated drawings throughout the film, which opens with a description of aluminum alloys and their designations. There follow references to the heat treatment and degrees of hardness of metals, the art of shaping, the choice of tools for working, and stresses and flow of metal which take place when metal is bent.

h-c 21 minutes Handling charge, $1.00

FORMING ALUMINUM — SPINNING (USBM)

The techniques of metal spinning are illustrated by animated drawings throughout the film, which opens with a description of standard tools required and their operation, and shows that tools developed by metal spinners have individual characteristics. We see the functions of spinning tools; the laying down, beading, and cutting or trimming tools; and the importance of smooth tool faces.

h-c 17 minutes Handling charge, $1.00

FORMING ALUMINUM — TUBE AND SHAPE BENDING (USBM)

The techniques of bending are profusely illustrated by animated drawings throughout the film. Problems in tube bending, the principal factors involved, such as alloy, thickness, size, and shape of the tube are discussed. In conclusion we see a recapitulation of instructions on machine bending and the importance of smooth finish on contact surfaces of bending tools.

h-c 13 minutes Handling charge, $1.00

FORMOSA (McGH)

An account of the work that the United States is doing in Formosa to support Chiang Kai-Shek's nationalist government and army in exile and build up the living standards and morale of islanders.

h-c-a 18 minutes $2.65

FORMOSA — BLUEPRINT FOR A FREE CHINA (McGH)

Shows how Chiang Kai-shek's government and army of free China have been preparing on the island of Formosa. With American aid the army has been trained in modern warfare, government officials have worked out problems of administration and modern agriculture and industry have been developed.

h-c-a 26 minutes $3.70

40 BILLION ENEMIES (WE, Color)

Shows how refrigeration aids food storage; stresses the need for proper temperature control; demonstrates how to store food in a refrigerator and how to care for the refrigerator.

h-c-a 28 minutes $1.00

49TH STATE (RKO)

Tells the dramatic story of how the Hawaiian people, as full members of tomorrow's America, have abandoned dreamy native ways for business, industry, and education. Hawaii's fields, factories, and colleges rival any on the mainland.

general 17 minutes $2.65

FORWARD PASS (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

FOUR-POINT SAFETY HOME (TU)

Points out that health and safety begin in the home, and indicates four ways of preventing accidents in the home: maintenance, housekeeping, child protection, and safety habits.

j-h-c-a 20 minutes $2.65

FOUR STEPS FORWARD (CAA)

Outlines a four-point system for instructing new employees and explains and dramatizes each point.

h-c-a 27 minutes Handling charge, $1.00

FOUR WAYS TO DRAMA (CU)

A short dramatic episode is presented in four different versions — for stage, radio, television, and motion pictures. These four treatments, using the same plot and characters, illustrate the requirements of each medium as a contrast and comparison study. Based on a demonstration given before the Television Institute, sponsored by the AETA and the University of California.

c-a 33 minutes $3.70

FOX AND THE ROOSTER, THE (EB)

This adaptation of one of Aesop's fables points up moral that even a clever schemer can be outwitted when good friends help each other. Animals play all the roles. Characters are a fox, owl, rooster, possum, and dog.

p 11 minutes $1.85

FOX HUNT IN ITALY (EB, Color)

Photographed in breathtaking Technicolor, this film depicts all the excitement and color of a fox hunt which takes place in the country near Rome.

i-j-h 10 minutes $2.70

FRANCE (IFI, Color)

Journeys through France: Paris, the Normandy beaches, the farms, Marseilles, Lourdes.

j-h-c-a 10 minutes $2.70

FRANCE: BACKGROUND FOR LITERATURE (C)

Takes your students to the France of Hugo, Balzac, Maupassant, Dickens, and Poe to see for themselves the places where their famous stories were set. Here the moods and emotions of France are captured and presented as an authentic background for discussion and special class projects.

j-h-c-a 11 minutes $1.50

FRANK AND HIS DOG (EB, Color)

One of the Primary Reading Series featuring Jean, her brother Frank, and their dog Penny. The Series is designed to stimulate reading in the first grade.

p 5 minutes $1.60

FRANK TENDS THE GARDEN (EB, Color)

One of the Primary Reading Series designed to stimulate reading in the first grade.

p 5 minutes $1.60

FRAUD FIGHTERS (McGH)

Shows the work of the U.S. Food and Drug Administration in maintaining a constant watch to make sure products sold interstate are not harmful and conform with the manufacturer's claims.

j-h-c-a 17 minutes $2.65

FRED AND BILLY TAKE AN AIRPLANE RIDE (C, B&W or Color)

Fred and Billy are going to take an airplane trip from their home in Chicago to visit their uncle in New York. They telephone the airline to reserve their tickets and go to the airport to get the tickets. The camera follows the loading and preparation of the airplane, the things they see on the way, and the landing at LaGuardia Field in New York. Excellent alternation between ground and air shots of the same scenes help show the difference between the way things look on the ground and from the air.

p-i-j 9 minutes B&W $1.50, Color $2.70

FRED MEETS A BANK (C)

This story of a bank and its functions presents the purpose and handling of a check, opening a savings account, securing a loan, and a visit to the safety deposit box.

i-j-h 11 minutes $1.50

FREE AIR (JH)

Free air deals mainly with oxidation — the burning of fuel — in the internal combustion gasoline engine. We are shown that oxidation is the combination of oxygen with another substance, and that in the presence of enough oxygen even steel shavings will burn. The explosions which take place in the combustion chamber of the engine are shown to be a rapid combining of oxygen with the fuel — gasoline.

To get the maximum energy out of fuel, air and fuel must be mixed in proper proportions. How this proper mixture is obtained is dramatically shown in an effective visualization of vaporization of gasoline and its mixture with air.

Extremely interesting and informative are tests and demonstrations which make clear many complex operations and processes.

j-h-c 9 minutes $1.85

FREE HORIZONS (FI)

Deals with the action taken by our government to preserve untouched portions of America in National Parks for the use and enjoyment of all, and to conserve vast tracts of forest land in National Forests for the protection of our dwindling timber supply.

j-h 22 minutes $1.85

FREEDOM AND POWER (GE, Color)

Cartoon moves from the revolution in 1776, Benjamin Franklin's experiments with electricity, and the movement westward to the introduction of steam power and electricity. Indicates that through our power to produce we shall have freedom.

j-h-c-a 30 minutes $5.20

FREEDOM COMES HIGH (OWI)

A woman at home and a man in the war — this is the story of Ellen and Steve — Ellen who works in a war plant, and Steve who is aboard a destroyer somewhere in the South Pacific. It portrays Steve's courageous decision to sacrifice his life for the cause of freedom, knowing in his heart that those at home will understand.

h-c 19 minutes $2.65

FREEDOM OF THE PRESS (UW)

Presents an historical review of freedom of the press in America from Zenger's weekly journal to the publication of today's newspapers.

h-c-a 17 minutes $3.00

FREEDOM RIDES ON RUBBER (FC)

Opens with the history of the development of the rubber tire, showing how research workers have met and conquered each new problem. Today, with the increasing demands for rubber and an ever-diminishing supply, scientists are faced with the task of developing a successful substitute. The manufacture of synthetic rubber is clearly illustrated from the beginning process to the finished product.

h-c 28 minutes Handling charge, $1.00

FREEDOM TO LEARN (NEA, Color)

Facilities and activities of the State University of Iowa, including the student Newspaper and radio station, hospital, etc. Shows how, in both scholastic and social activities the environment helps individuals develop in democratic ways.

h-c-a 17 minutes $4.25

FREEDOM TO READ (CUP)

A new type of discussion film in two parts. The first shows the springboard for discussion and ends on the question of "How can our library best serve our freedom?" Part two restates the problem and provides a conclusion for your program.

c-a 17 minutes $6.35

FREEZING FRUITS AND VEGETABLES (USDA, Color)

A complete story on the preparation of frozen fruits and vegetables which make possible the serving of spring and summer fruits and vegetables any time of the year.

j-h-c 20 minutes $4.25

FREIGHT TRAIN (AB, Color)

Follows a shipment from its delivery at the freight house, to the loading into a car in the terminal, and finally to the car's journey after the final inspection.

i-j 11 minutes $2.70

HIGH WALL

The ugly beginnings of prejudice. Shows the effects of home life in forming attitudes.

30 MINUTES RUNNING TIME **$3.70 PER WEEK**

FREIGHT TRAIN (EB)

In this film we see the assembling of fast freight train No. 40 and follow it on its journey to Chicago. We meet all the people involved in this operation and find out why freight trains are important in our daily lives.

i-j 11 minutes $1.50

FREIGHT YARD (NYC)

Demonstrates the organization which is essential to efficient and rapid transportation of the nation's freight. Emphasis is placed upon the types of modern equipment and safety devices employed, together with the inspection and testing thereof to insure safe operation.

i-j-h-c 22 minutes Handling charge, $1.00

FREIGHTER AT SEA (A)

Shows life aboard a freighter at sea. The activities of the officers and crew in operating the ship are shown.

p-i 17 minutes $2.65

FREIGHTER IN PORT (A)

Shows and defines the various parts of the ship and their uses. Animated drawings and a model show how the cargo booms and winches work in handling the cargo. Points out that the ocean freighter is important to all of us because it brings to our country many raw materials and products we need and it carries the products of our forests, farms and factories to all parts of the world.

p-i 14 minutes $2.65

FRENCH CAMPAIGN (McGH)

Follows events from 1939, through preparations for D-Day, to the street battles between Nazi and FFI and the consolidation of their position by the French and the American Army.

h-c-a 19 minutes $2.65

FRENCH-CANADIAN CHILDREN (EB)

Provides an intimate study of the winter home life, environment, and activities of a typical French-Canadian farm family in the Province of Quebec. Reproduced conversations reflect the continuing influence of the French language and customs. School life, ice cutting, rug making, food preparation, and maple syrup refining make up captivating sequences.

p-i-j-h 10 minutes $1.50

FRENCH CHILDREN (EB)

Shows in magnificent photography the life of a typical French family on a farm in Brittany, near the mediaeval town of Dinan. Here is an intimate glimpse of a French family: Mother, Father, Grandfather, and three children plying their chores, making butter in old-fashioned churns and living the austere but quaint life of French peasants in surroundings that change little with the years.

p 11 minutes $1.50

FRENCH FILM READER SERIES: DEPART DE GRANDES VACANCES (IFB)

Presents a family as they are about to leave by automobile for a vacation in the country.

j-h-c-a 12 minutes $2.65

FRENCH FILM READER SERIES: HISTOIRE DE POISSONS (IFB)

Mr. Martin and Roger decide to go fishing.

j-h-c-a 13 minutes $2.65

FRENCH FILM READER SERIES: LA FAMILLE MARTIN (IFB)

Concerns the return of the daughter Madeleine from a holiday in England.

j-h-c-a 18 minutes $2.65

FRENCH FOR BEGINNERS (M)

Narrated in elementary French by a native Parisian, the film gives new meaning to the study of this important modern language. Prepared from scenes photographed in the City of Quebec and the surrounding

province, it stresses the beauty and unchanging charm of this bit of "Old France" transplanted in the New World.
h-c-a 10 minutes $1.85

FRENCH INFLUENCES IN NORTH AMERICA (C)

From the Gulf of the St. Lawrence to the mouth of the Mississippi, the great French Empire in North America left a profound influence upon the culture of this continent. The living evidences of that culture on our own language, dress, architecture, religion and art form are the theme of this visual history motion picture. Authentic historical locations from Quebec, Canada to former forts and trading posts to the middle west, down to the bayous of Louisiana are presented to document the widespread movement and influence of French explorers.
i-j-h-a 11 minutes $1.50

FRENCH TAPESTRIES VISIT AMERICA (AFF, Color)

Pictures the five centuries of magnificent tapestries loaned by the French government to the United States for exhibition in the Metropolitan Museum of Art and the Art Institute of Chicago in 1947.
j-h-c-a 30 minutes $20.00

FRENCH TEACHING SERIES #1: LA GARONNE (IFB)

Sketches the outlines of France and follows the river from its source in the Pyrenees through Toulouse, Agen, Castet, the barren country to Bordeaux, and finally to the Dordogne which it joins to form La Gironde.
h-c-a 17 minutes $2.65

FRENCH TEACHING SERIES #1: LA LOIRE (IFB)

Follows the river from its source in the Massif Central, over rocky beds to the plains, through well-populated valleys to its estuary and the ports of Nantes and Saint-Nazaire.
h-c-a 17 minutes $2.65

FRENCH TEACHING SERIES #1: LA SEINE (IFB)

Shows the flow of the river from its source near Chatillon, past Paris and Rouen to Le Havre.
h-c-a 17 minutes $2.65

FRENCH TEACHING SERIES #1: LE RHONE (IFB)

Shows the course of the river and the adjacent provinces and cities.
h-c-a 16 minutes $2.65

FRENCH TEACHING SERIES #2: DANS LES ALPES (IFB)

Studies erosion, vegetation, glaciers, and the Isère River, and gives the extent and location of the French Alps by means of animated maps.
h-c-a 19 minutes $2.65

FRENCH TEACHING SERIES #2: DANS LES PYRENEES (IFB)

Shows the Pyrenees Mountains, Béarn, lakes, cliffs, cascading water, high pastures, and hidden trails used by French and Spanish shepherds.
h-c-a 17 minutes $2.65

FRENCH TEACHING SERIES #2: LE MASSIF CENTRAL (IFB)

Presents the mountainous region in the heart of France with its waterfalls, rapids, high plateaus, peaks, lava formations, crater lakes and caves.
h-c-a 16 minutes $2.65

FRENCH TEACHING SERIES #2: LES CANAUX (IFB)

Indicates the importance of canals and rivers in France, and pictures the Seine and Oise as navigable rivers while the Loire is so shallow that a canal has been built to accommodate shipping.
h-c-a 16 minutes $2.65

FRENCH TEACHING SERIES #3: EN BASSE PROVENCE (IFB)

Shows the coastal region of Provence from the mouth of the Rhône to the Italian border.
h-c-a 19 minutes $2.65

FRENCH TEACHING SERIES #3: EN BRETAGNE (IFB)

Shows the province of Brittany and its people at work and play — family scenes from the interior of the country, the gathering of sea-weed for fertilizer along the coastal zone, the harvesting in the fields, and swimmers on one of the many beaches.
h-c-a 14 minutes $2.65

FRENCH TEACHING SERIES #3: EN HAUTE PROVENCE (IFB)

Shows typical Provence country along the Durance River.
h-c-a 15 minutes $2.65

FRENCH TEACHING SERIES #3: EN NORMANDIE (IFB)

Shows the farm life and the industrial life of the Provence and concludes with several views of the two large ports, Rouen and Le Havre.
h-c-a 19 minutes $2.65

FRENCH TEACHING SERIES #3: LA CHAMPAGNE (IFB)

Divides this section of France into two parts — the moist and the dry — and shows scenes of vineyards, the champagne industry, the textile industry in Troyes and Rheims.

h-c-a 23 minutes $2.65

FRICTION (YA)

Introduces the student to the nature of friction as a restraining force with which he must contend in everyday life. It explains the ways in which we try to reduce friction when it is undesirable, and the ways in which we try to increase it when it is helpful.

i-j 11 minutes $1.50

FRIEND IN BLUE (UMI, Color)

Shows the work of a typical Minnesota Public Health nurse and some of the training of a nurse.

i-j-h-c-a 33 minutes $5.20

FRIEND OF THE FAMILY (McGH)

Surveys many industries which have developed to serve your pets. The specialized pet food industry, manufacturers of leashes, rubber bones, etc., as well as veterinarians and training kennels are included.

i-j-h-c-a 16 minutes $3.00

FRIENDSHIP BEGINS AT HOME (C)

Is a discussion of the adolescent's relationship with the family, stressing the fun of doing things in a family group, and treating parents, brothers and sisters with respect and affection.

j-h 17 minutes $2.65

FRISKY, THE CALF (C, B & W or Color)

It is the story of a lovable little calf and takes children into the barnyard where they see how the little animal is handled. Designed to stimulate youthful interest in the world about them and to provide a valuable background for reading and discussion. Can be used for a variety of social group purposes as well as for classroom study.

p-i 11 minutes B&W $1.50, Color $2.70

FROG (EB)

The entire life cycle of the frog is presented. Stop-motion scenes and microscopic views show the development of the embryo in a continuous scene of only a few seconds. The several changes taking place in the tadpole stage are carefully portrayed. Slow-motion photography demonstrates the graceful movements of the frog in jumping.

i-j-h 11 minutes $1.50

FROM ACROSS THE BORDER (MCE)

The true story of the struggle and achievement of a Mexican boy who comes with his mother to the United States to find work. A minister inspires him to go to school. Finishing his education he becomes a successful pastor and goes to a church in Texas.

a 45 minutes $4.45

FROM EDEN TO CALVARY (I)

Traces the genesis of the world and man; the times of the Flood; the biography of Moses in the enslavement of Israel, the Exodus, and the giving of the Law; and important events in the life of our Lord.

j-h-a 30 minutes $3.70

FROM FEAR TO FAITH (UW)

A story of the courage and faith of a mission trained native youth who becomes a missionary among his own people.

h-a 21 minutes $2.65

FROM LITTLE WINGS (CAA, Color)

That youngsters are interested in aviation there can be no doubt. That model plane building is a desirable activity which satisfies and nurtures this interest is convincingly depicted in this excellently produced film. It is, in short, a story of the appeal model plane building has for both young and old.

i-j-h-c-a 14 minutes Handling charge, $1.00

FROM ONE CELL (ACS, Color)

Shows embryonic, regenerative, and degenerative cell behavior.

h-c-a 22 minutes $2.65

FROM TEE TO GREEN (NFBC, Color)

A tour of five Canadian golf courses, from Newfoundland to Vancouver Island. Setting out to hitchhike across the country, a youngster earns his way by caddying at courses in each province, including the courses in such national parks as Prince Albert and Banff. Final scenes are of Bing Crosby enjoying a game at Jaspar.

general 12 minutes Handling charge, $1.00

FROM TREE TO PAPER (AFB)

Shows by photography and simple diagrams how paper is made from trees. It also tells how scientific forest management assures growth of repeated tree crops.

i-j-h-c-a 13 minutes $2.65

FROM TREES TO LUMBER (AFP)

Follows the manufacture of lumber from seedling to sawlog and through the mill, while stressing the need for sound forest management to guarantee future supply.

i-j-h-c-a 14 minutes $2.65

FRONTIER FARMERS OF ALASKA (BFS)

Shows how an experiment in peaceful cooperative living led to the rehabilitation of a group of displaced farm families from the drought region of the United States and the founding of a democratic community in a once isolated northern wilderness of Alaska.

j-h 19 minutes $2.65

FRONTIER PARSON AND GOD'S ANIMALS (HHP)

Herman Hack, the circuit rider, explains the "story of life."

j-h-c-a 20 minutes $3.00

FRONTIER PARSON IN HUMBLE HEART (HHP)

The frontier parson helps a boy from a poor family to find the meaning of Sunday School, and to eventually bring the parents into the church. Because he does not have good clothes, the boy stays away from church and from seeking friends; but the parson proves to him that the person and not the clothes is what matters.

i-j-h-c-a 25 minutes $3.70

FRONTIER PARSON READS THE BIBLE (HHP)

Presents a pictorial interpretation of readings from the Bible, with Herman Hack as the Frontier Parson.

i-j 20 minutes $2.65

FRUITS, VEGETABLES, AND COOPERATION (USDA)

Gives picture of opportunities derived from cooperative work. Settles problems of growing, selling, assembling, packing, and shipping so that the farmers can produce to the best advantage.

j-h-c 20 minutes $2.65

FRUSTRATED STUDENT: THE DROP OUT (McGH)

Examines the causes which lie behind many adolescents' quitting school as soon as the law permits. Reveals the frustration of natural interests in a school situation that bears no relation to everyday life. Restates the principle that school must provide a program that offers each child a chance to grow. Also carried under the title PROBLEMS OF PUPIL ADJUSTMENT.

j-h-a 22 minutes $3.00

FRUSTRATED STUDENT: THE STAY IN (McGH)

By enlarging on the theme stated in THE DROP OUT, demonstrates that the school curriculum oriented in terms of growth of the "whole child" instead of in terms of subject matter results in a happy well-adjusted school environment that contributes to each child's physical, emotional and mental maturity.

j-h-a 22 minutes $3.00

FRUSTRATION AND FIXATION (PSC)

A documentation of N. R. F. Maier's contention that prolonged frustration leads to a goal-less fixated sort of behavior, and to other bizarre symptoms.

c-a 19 minutes $3.00

FRUSTRATING FOURS AND FASCINATING FIVES (McGH)

Shows the behavior of a four-year-old boy deviating from childish helplessness to vigorous self-assertion, and at kindergarten, from imaginative craftsmanship to inconsistent destructiveness; at five, Roddy appears more independent of adult support and filled with curiosity about things around him.

h-a-c 22 minutes $3.00

FRYING PAN AND THE FIRE (USDA, Color)

Aimed primarily at the hiker and camper as a part of the cooperative forest fire prevention campaign.

j-h-c 18 minutes $3.00

FUELS AND HEAT (EB)

Explains the role of carbon in fuels, the manufacture and storage of carbohydrates by plants, the way in which coal and oil were produced by nature, and how man extracts them. Animated photography also describes molecular action in portraying the relation of heat to temperature. Also clarified by this medium are the operations of both steam and internal combustion engines. The film is well adapted to upper elementary grade science courses of study.

j-h 11 minutes $1.50

FULL STEAM AHEAD (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

FUN AT THE BEACH (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

FUN AT THE ZOO (UW)

Shows scenes of the trained lions, tigers, elephants and chimpanzees of the St. Louis Zoo.

p-i 12 minutes $1.85

FUN OF BEING THOUGHTFUL (C)

Behind courtesy, behind all social adjustment, lies the complex skills involved in insight into the motives, tastes, and desires of others. We call this insight thoughtfulness. It is expressed in hundreds of small and large ways, in speech, silence, action and inaction. May be used in social studies, in language arts, in home economics, or in any group where improvement of group and personal relations is either an immediate or long-run goal.

j-h-a 11 minutes $1.50

FUN OF MAKING FRIENDS, THE (C)

What are the values of friendship? How do you make and keep friends? These are just a few points about friendship that are dealt with in this film. Designed to help teachers guide classes to a realization of what friends are and how easy it is to be friendly.

p 11 minutes $1.50

FUN ON THE PLAYGROUND (EB)

Portrays a group of children engaged in constructive play activities during school recess. The film depicts three types of games: those which children invent themselves; those learned under supervision but carried on by the children alone; and those which represent dramatic play growing out of school activities.

p-i 11 minutes $1.85

FUN THAT BUILDS GOOD HEALTH (C)

All children need to learn many different kinds of play — in groups or alone — at active physical activities or at quiet games and pastimes. By presenting a variety of choices of recreation in terms of good times and good health, this film will have a direct effect on the play activities of children.

p-i-a 10 minutes $1.50

FUN WITH BLUEGILLS (CFS, Color)

Presents members of the bluegill, or bream, family; shows children catching these popular fish, and experts hooking them from a birch bark canoe or through the ice.

h-c-a 11 minutes $2.70

FUN WITH SPEECH SOUNDS (C)

Shows how some difficult sounds should be spoken. Through audience participation, children are encouraged to pronounce sounds which are used in delightful poems and rhymes. The vowels and some consonants, such as p, m, l, r, th, and ch, are covered.

p-i 10 minutes $1.50

FUNCTIONS OF A CITY (PRP)

Shows how the home owner of our early history had to supply all of his own necessities, and then illustrates how the people of a city, by organizing a municipal corporation, provide these needed services to themselves.

h-c-a 10 minutes $1.50

FUNCTIONS OF THE BODY (UW)

Demonstrates the inter-dependence of body systems: skeletal, muscular, vascular, respiratory, excretory, endocrine, and nervous. Shows how their collaboration in the body makes it a smoothly-functioning unit.

j-h 15 minutes $2.65

FUNCTIONS OF THE NERVOUS SYSTEM (KB)

Illustrates and describes the nervous system and its functions; emphasizes regulation of all healthy bodily functions.

h-c-a 11 minutes $1.85

FUNDAMENTALS OF ACOUSTICS (EB)

The phenomenon of hearing and the modification of sound between the source and the hearer are emphasized in this film. The specific elements explained or demonstrated are velocity of sound, refraction, range of hearing, lowering intensity, attenuation in air, eliminating high and low frequencies, reverberation and focussing of sound. Extensive use is made of animation and sound effects. The film concludes by indicating advances in communication which have resulted from combining our knowledge of sound and of electricity.

j-h 11 minutes $1.50

FUNDAMENTALS OF BASKETBALL (C)

Branch McCracken, Indiana coach, uses his squad to illustrate stance, ball handling, shooting, defensive play and importance of teamwork.

j-h 14 minutes $2.25

FUNDAMENTALS OF BOXING (LFI)

Carl Seibert, veteran boxing instructor, and his students demonstrate every move, offensive and defensive.

j-h-c-a 11 minutes $1.85

FUNDAMENTALS OF DIET (EB)

An introductory sequence outlines the types of food provided by nature for animals and man. Emphasis is placed upon the fact that many of the foods which man has learned to eat are provided by nature for her young — both plants and animals. By experiments with animals, the results of diet deficiencies are illustrated. The ideal diet is discussed, and suggestions are made for selecting intelligently from the classes of foods, those needed to keep one's body strong and healthy and one's mind alert.

j-h-c 11 minutes $1.50

FUNDAMENTALS OF FILING (UW)

Defines the terms used, various types of files, and indicates the general type of work that each kind of file does best. Intended for the beginner in shop work.

h-a 11 minutes $1.85

FUNDAMENTALS OF FIRST AID (UW, Color)

Shows the five main parts of personal damage control: fundamentals of first aid; wounds, bomb blast and burns; fractures, artificial respiration.

j-h-a 18 minutes $4.25

FUNDAMENTALS OF LAND SURVEYING (UC)

Illustrates methods of taping over comparatively level ground, and taping over sloping ground using the method of "breaking chain."

c-a 35 minutes $4.45

FUNDAMENTALS OF PHOTOGRAPHY: ELEMENTARY OPTICS IN PHOTOGRAPHY (UW)

Demonstrates the principles of lighting effects; how light is reflected and refracted by the curvature and thickness of glass.

j-h-c-a 19 minutes $2.00

FUNDAMENTALS OF PUBLIC SPEAKING (C)

Importance of public speaking in a real-life school situation is stressed in this film which follows up with the steps in achieving an effective speech. How to analyze a speech situation, how to plan and how to deliver a talk that will get results is told in this very practical motion picture.

j-h-c-a 11 minutes $1.50

FUNDAMENTALS OF TENNIS (BFS)

Donald Budge demonstrates the many basic points that result in winning form. Simple forehand, backhand and service strokes, as well as the more advanced strokes, are analyzed and helpful suggestions for their proper execution are clearly demonstrated.

j-h-c 20 minutes $3.00

FUNDAMENTALS OF TRACK AND FIELD (EB)

Shows Bob Mathias, 1952 decathlon champion, in training; he demonstrates a number of starts in running, techniques in broad jumping, ways to hold the shot, techniques in high jumping, discus throwing, pole vaulting, and hurdling.

j-h-c-a 30 minutes $3.70

FUNDO IN CHILE (OIAA)

Life on one of the great agricultural estates of Latin America, as large as many a North American county, is the theme of this film. The community of hundreds of workers, their use of modern methods and machinery, the activities of their own school and services of their own church are pictured. This is a useful teaching film revealing a way of life largely unchanged, in spite of some modern practices on this particular plantation, since these estates were founded.

i-j-h-c 20 minutes $2.65

FUNDY HOLIDAY (NFBC, Color)

A camera tour of Fundy National Park in Canada. The emphasis is on the family aspects of the park — the things the whole family can do together, and the variety of things to do; something to interest every member of the family. Scenes of swimming, fishing, tennis, golf, hiking, and nature study.

general 9 minutes Handling charge, $1.00

FUNGUS PLANTS (EB)

Major emphasis is given to the various mushrooms whose growth and reproduction are illustrated by time-lapse photography and animation. Molds and other fungi are also presented by these same techniques. The economic importance of these plants is definitely shown by both the photography and the narrative in their use as food, their destruction of dead organic matter and their cause of disease in plants.

j-h-c 11 minutes $1.50

FUNNY BUSINESS (RKO)

The story of the comic strip industry and the folk reading of a nation — the realm of make-believe ruled by high adventure, suspense and the belly laugh.

general 18 minutes $3.00

FUR SEAL (YA)

Shows the life of the fur seal on the Pribilof Islands, and the conditions under which the animals are hunted.

i-j-h 11 minutes $1.85

FUR TRADE (YA)

Describes the manner in which fur-bearing animals are hunted and trapped, and the important steps in the processing of pelts.

i-j-h 10 minutes $1.85

FUR TRAPPER OF THE NORTH (EB, Color)

Shows the rugged life of the fur trapper in the northern wilds. Three sequences show his summer and early autumn preparation, the beginning of trapping in late autumn, carrying through the dead of winter into spring, the return of spring and the break-up of ice, the end of trapping and disposition of pelts.

i-j 11 minutes $2.70

FURNITURE CRAFTSMEN (EB)

Describes the roles of the designer and skilled craftsmen in making custom-built furniture. Pattern making, laying out, band sawing, power planing, joining, lathe turning, grooving, gluing, carving, and finishing stages are studied in close-up detail. The interrelation of hand and machine-tool operations and skills required for precision woodworking are demonstrated throughout.

h-c 10 minutes $1.50

FURY IN THE PACIFIC (OWI)

This is the first film produced jointly by the armed forces for public showings, combining footage from the Army, Navy, Marine Corps, Coast Guard and Army Air Forces. It unfolds with dramatic vigor the problem of a typical combined amphibious action in the Pacific.

h-c 20 minutes $2.65

G AND YOU (CAA)

Presents the problem of high acceleration and its physical effects on pilots. Studies the effect of G on the pilot in different flights. Demonstrates the accelerometer and the centrifuge. Gives some suggestions for advancing the blackout threshold. Points out that in every case, the use of flying suits greatly increases the pilot's efficiency and reduces the danger of blacking out. Explains the basic principles of the suit and shows how it is fitted to the pilot.

h-c-a 50 minutes Handling charge, $1.00

GAGE BLOCKS AND ACCESSORIES (USOE)

Explains why accessories are used with gage blocks, shows how to inspect a plug gage, an adjustable snap gage, a profile gage, a ring gage, and a screw-thread pitch.

h-c 23 minutes $3.00

GALILEO'S LAW OF FALLING BODIES (EB)

Recreates experiments with the inclined plane and freely falling bodies, both in the atmosphere and in a vacuum.

j-h 6 minutes $1.50

GALLERY OF MODERN SCULPTORS (AFF)

Shows scenes from the personal and professional lives of Maillol, Despiau, Dejean, Adam, Belmonde, Colamarini, Gimond, and Zadkine.

h-c-a 20 minutes $3.00

GALLEY SANITATION (UW)

Shows sanitary measures which should be observed by all food service organizations in order to prevent disease and insure safe food.

c-a 24 minutes $3.70

GALLUP POLL (TFC, Restricted to Classroom Use)

The film opens with discussion of the Gallup Poll, what it is, how it functions, and indicates that before the advent of accurate polls it was decided by guesswork what trend elections, etc., were taking. Following this introduction, Dr. Gallup is presented and briefly states the object and benefits of taking various polls. We then are shown the Gallup office in operation, with many girl clerks sorting, filing and counting returns. Then to the field force and interviews with various strata of American life, questioning machinist, barber, housewife, student, etc.

j-h-c 10 minutes $1.85

GAME OF GAMES (AFC)

Is a pictorial account of the famous football game between the U.S. Military Academy and the U.S. Naval Academy in the fall of 1946. Part of the account has been taken in slow motion. Sports fans will recall that this was the final appearance of the touchdown twins, Blanchard and Davis.

j-h-c 20 minutes $2.65

GAME OF JAI ALAI (TFC, Restricted to Classroom Use)

Shows the beginnings and development of the great Mexican game that is rapidly gaining popularity all over the world. Relates this fast moving, exciting game to the game of hand-ball, and then shows some exciting scenes in the Fronton Mexico — the arena in Mexico City where the game is at its best.

general 10 minutes $1.85

GARDEN PLANTS AND HOW THEY GROW (C, color)

Illustrates plants which store food in their stems, leaves, roots, and seed pods; examines a seed and its growth; compares plants grown in good and poor soil, in sunlight and shade; presents both destructive animals and insects and those which aid plants.

i-j 10 minutes $2.70

GARDENING (EB)

Follows a boy and girl through a garden-raising project from the selection of seeds to the harvesting of the crops. Radishes, carrots, lettuce, beets, beans, corn, pumpkins, onions, tomatoes, and potatoes are cultivated and harvested. Attention is directed to aspects of soils, growth, role of the sun, insect pests, and to the various parts of plants used for food — leaves, stems, buds, and roots.

i-j-h 15 minutes $2.65

GARDENS FOR VICTORY (BHG)

The need for hundreds of thousands of additional vegetable gardens is obvious to everyone who knows the situation. More and more of our food must be sent abroad this year to our allies and fighting men. The very least that we at home can do is to ease the strain of supply and plant and grow much of the food for our own table. We can do this through victory gardens, and Gardens of Victory is the perfect answer in getting an organized drive under way.

j-h-c 11 minutes $1.25

GARDENS OF THE CARIBBEAN: BARBADOS AND TRINIDAD (FZP)

From Barbados, we sail over the sunset trail of the Caribbean to the beautiful island of Trinidad. Its natural pitch lake, the substance of which is used in the building of roads, makes Trinidad the most prosperous island of the British West Indies.

i-j-h-c-a 10 minutes $1.85

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GAS FOR HOME AND INDUSTRY (EB)

Explains the role of fuel gas as a source of energy in our modern society. Describes production of various types of manufactured gas, using both natural photography and animated drawings. Shows how natural gas is obtained from wells and distributed through pipelines to production centers. The importance of gas conservation is discussed, and future technological developments in gas manufacture are suggested.

j-h 22 minutes $2.25

GAS LAWS AND THEIR APPLICATIONS (CU)

Low temperature research, refrigeration, compression of gases, all heat engines depend on gas laws, which govern the relationship between pressure, volume and temperature of all gases. This film explains the origin and explains the laws upon which the effective use of gases depends.

h-c-a 14 minutes $3.00

GASOLINE'S AMAZING MOLECULES (STO, Color)

Animated figures illustrate the formation of petroleum molecules by elements and patterns of different molecular structures found in crude oil. Shown are petroleum storage tanks, pipe lines, theory of distillation, fractionation, cracking processes, stills, and production of high antiknock gasoline by polymerization and alkylation.

h-c 22 minutes Handling charge, $1.00

GATEWAY (CAA)

Depicts career opportunities in the Air Training Command in radar, electronics, communications, radio, airplane repair, and maintenance, and other technical fields.

j-h-c-a 18 minutes Handling charge, $1.00

GATEWAY TO THE FAITH (UW, Color)

Explains the ritual of the sacrament of Baptism according to the Catholic Church.

j-h-a 18 minutes $4.25

GENERAL ELECTION (BIS)

The film is concerned with general elections in England. It presents an interesting view of political life there which can be contrasted with practices in this country. The film begins with the formal proposal of the candidates and ends with the excitement of polling day. The voters are coaxed and cajoled by the oratory of each candidate, unlike American political operations. Scenes of polling day show the mechanics of voting.

general 20 minutes $2.65

GENEROSITY (UW)

Dramatizes a short sermon by Rev. Dr. F. Townley Lord.

h-c-a 10 minutes $1.85

GENTLEMEN JEKYLL AND DRIVER HYDE (NFBC)

A harried truck driver explains how a polite guy on foot can become a menace to all the drivers on the road when driving a car. A ride with Driver Hyde illustrates this point.

h-c-a 9 minutes $1.50

GEOGRAPHY FROM THE AIR (AAER)

From footage taken by the Air Transport Command, scenes from all over the world have been selected to illustrate outstanding geographical elements. The content and sequence of the film are based on land geography, ocean geography, and man-made geographical features.

i-j-h-c 11 minutes $1.85

GEOGRAPHY OF AUSTRALIA (YA)

Describes the physical geography of the country, its natural resources, and how the manner in which those resources have been used has determined the development of the nation.

i-j-h 11 minutes $1.85

GEOGRAPHY OF NEW ENGLAND (C)

The region of New England is more than a physical area; it is a network of relationships between people and places; activities and resources. Effects of glaciation on the whole area, development of specialized industries, distribution of population and an accurate picture of the economy and culture of the area are all presented in a clear and easy-to-understand manner.

i-j-h 11 minutes $1.50

GEOGRAPHY OF THE MIDDLE ATLANTIC STATES (C)

Presents the cities, key industries, transportation networks, and dense population of the middle Atlantic states.

i-j-h 10 minutes $1.50

GEOGRAPHY OF THE ROCKY MOUNTAIN STATES (C)

The six states of Montana, Idaho, Colorado, Wyoming, Utah and Nevada are shown to provide a geographical understanding of this region. Grazing, irrigation, farming, mining, and lumbering are depicted.

i-j-h 10 minutes $1.50

GEOGRAPHY OF THE SOUTHERN STATES (C)

Three factors affecting life in the South are discussed: history, soil and climate, and change. The effect each of these three things has had on life in the south is shown. The history, as it developed the plantation systems; soil and climate as it determines the type of crops grown; and change to diversified agriculture and the growth of industry — all these things go into the background of the south and are helping develop the new south.

i-j-h 10 minutes $1.50

GEOGRAPHY OF THE SOUTHWESTERN STATES (C)

Covers the states of Arizona, New Mexico, Texas, and Oklahoma. Stresses the relationship between the activities of the people and the natural characteristics of the land.

i-j-h 19 minutes $1.50

GEOGRAPHY OF YOUR COMMUNITY (C)

A boy on his way to school discovers many things about his community — the relationship between its industries and geography, its farmlands and residential areas, and its rivers and highways.

i-j 11 minutes $1.50

GEOLOGICAL WORK OF ICE (EB)

Opens with a survey of significant but often overlooked examples of the gradational work of ice. Animated drawings are employed to explain the action of phenomena that cannot be demonstrated photographically. The major portion of the film is devoted to the story of glaciers, glacial movement, gradation and transportation by glaciers, topographical results of glacial activities as evidenced by moraines, eskers, striated and grooved rocks, cirques, hanging valleys and fiords; and finally the Pleistocene ice age.

h-c 11 minutes $1.50

GEOMETRY AND YOU (C)

Students will better appreciate the function of geometry when they see this practical demonstration of its everyday importance. In constructing a model porch with Jim and Bob, they'll use protractor and ruler to apply their study of such figures as rectangles, triangles, and circles, and such principles as congruence, similarity, and symmetry.

j-h 10 minutes $1.85

GEOMETRY IN ACTION (BEF)

This subject was made in collaboration with David Reichgatt and Lee Spiller, authors of *Today's Geometry.* The film considers the questions: Why should I take Geometry? What good will Geometry do me? The following fields are used to show the practical everyday applications of geometric forms: transportation, medicine, manufacturing, agriculture, sports, and home economics.

h-c 11 minutes $1.50

GEOPOLITIK (PLAN FOR DESTRUCTION) (TFC, Restricted to Classroom Use)

This is a propaganda short narrated in part by Lewis Stone in which he tells how after the first World War a German, Professor Haushofer, began to study geopolitiks in connection with another World War to come.

j-h-c 20 minutes $3.00

GEORGE FREDERICK HANDEL (UW)

Shows Handel's early struggles to practice music against his father's wishes, and a boys' choir sings the "Hallelujah Chorus."

j-h-c-a 10 minutes $1.85

GEORGE KENNAN DISCUSSES COMMUNISM (USDE)

A selected audience of enlisted men and women in the Army, Navy and Air Force ask questions about international communism and Mr. Kennan answers their questions which include the effect of Stalin's death, the Soviet government and the Soviet people, communism in Asia, the future of the Satellite countries, relationships of the USA and the USSR, the possibilities of war, etc.

h-c-a 43 minutes $3.35

GEORGE WASHINGTON (EB)

Brings to life the qualities and skills which made Washington, more than anyone else, the builder of the American nation. Portrays events of his boyhood and his role in the French and Indian Wars. Illustrates his trials and triumphs as military leader in the American Revolution and as organizer of the movement to frame the Constitution. Reveals his difficulties and success as first President of the United States.

j-h-a 22 minutes $2.65

GEORGE WASHINGTON'S VIRGINIA (VCD)

Shows scenes at places in Virginia associated with the first president's life, including Mount Vernon.

h-c-a 40 minutes $4.45

GEORGE'S NEW SUIT (WHERE CLOTHING COMES FROM) (C, B&W or Color)

George's curiosity about where his new clothing came from leads to the visualization of many aspects of the manufacture of clothing from raw material to the finished product. Tracing some of the processes by which wool, cotton, silk, nylon, leather and rubber are manufactured into articles of clothing, the film makes the audience aware of the many people whose skills and cooperation are involved in clothing production.

p-i 11 minutes B&W $1.85, Color $2.70

GERMAN CHILDREN (SW)

Shows a typical day in the life of a nine-year-old boy living in Wetzlar, Germany. Shows him at school, with his family, at play, hiking along the river, and walking through town where he sees the chimney sweeps, the market place, the toyshops, and the clockshop.

p-i-j 12 minutes $2.65

GERMAN LANGUAGE FILM #1 (UWI)

All the basic sounds of German, pronounced in simple sentences using present tense. Presents dialogue on the arrival in Germany of a friend from America.

j-h-c 13 minutes $3.00

GERMAN LANGUAGE FILM #2 (UWI)

All the basic sounds of German, pronounced in simple sentences, using various tenses. Dialogue on departure for a skiing trip.

j-h-c 13 minutes $3.00

GERMAN LANGUAGE FILM #3 (UWI)

The sounds of German, pronounced in sentences of different structural types. Dialogue on a picnic students are planning.

j-h-c 19 minutes $3.00

GERMAN LANGUAGE FILM #4 (UWI)

All the basic sounds of German, pronounced in sentences of highly complex structural types. Presents dialogue on the building of a new house.

j-h-c 20 minutes $3.00

GERMANY (IFI, Color)

Tours Germany from the Rhine bordered by vineyards and the old castles of the robber barons to Cologne and its cathedral, Frankfort-on-Maine, Bavaria and its folk dancers, the Black Forest, and Berlin divided east and west, especially portrayed in Potsdammer Platz.

h-c-a 10 minutes $3.25

GERMANY INVADES AUSTRIA (ICS)

A record of the incidents leading to and accompanying Germany's invasion of Austria. This film requires evaluation for school use to avoid possibility of seeming Nazi propaganda.

j-h-c 11 minutes $1.50

GERMANY SURRENDERS (OF)

Shows people in Times Square, New York, at the announcement of Germany's surrender, scenes of the signing of the armistice papers, scenes of bombed German cities. Marshall Zukov receives the Nazi surrender in Berlin.

j-h-c-a 10 minutes $1.85

GERMANY TODAY (McGH)

Shows the ruins and the breadlines, the life of Germany under the military government of General Lucius Clay, the denazification trials, and the children of Germany, the hope of democracy in central Europe. In the American zone a free press and radio, and a free motion picture screen have begun to be restored. In democratic elections a higher proportion of eligible voters turn out than in the United States. But 300,000 American troops must stand guard against the ever present threat of a return of Nazi terror.

h-c-a 16 minutes $3.00

GET GOING (JH)

In this picture the problem of inertia is again attacked.

Everything we see needs a force behind it to make it start. Just how that force acts is here made clear. We see how we can help the moving force by increasing the power, or by cutting down weight, as is done on racing cars and motorcycles. Before our eyes a demonstration is made of what the sacrifice in weight entails in loss of durability and strength. In the end we find the balance which has been achieved in the modern motorcar between power and weight to deliver the utmost in acceleration without loss of durability or economy.

j-h-c 7 minutes $1.50

GETTING A JOB (EB)

A high school vocational counselor helps a senior plan the best method for locating and applying for a job. Listing of employers, preparation of a personal history, brief history of the companies are points included.

j-h 16 minutes $2.65

GETTING ALONG WITH PARENTS (EB)

A close look at the question of mutual respect between teenagers and their parents. The plan of a group of teenagers to visit a night club after the junior prom is opposed by parents for different reasons, disclosing varied family backgrounds. Points out that both sides have a right to be heard.

h-a 16 minutes $2.65

GETTING THE FACTS (EB)

Discusses the ways and means by which people can become sufficiently well-informed to behave intelligently as citizens. Portrays newspapers, radio, books, schools, television, and the spoken word as channels of enlightenment.

h-a 16 minutes $2.25

GETTING YOUR MONEY'S WORTH (HOP, 3 parts)

No. 1: The wearing qualities and standards of measurement of shoes are tested for best values; toys are shown that measure up to quality and safety standards; milk tests are made for purity and butterfat content.

No. 2: Consumer testing of razor blades aims to find the blades that will "shave off a maximum of hair with minimum of skin" at lowest cost. Cosmetics (face powder and face cream) are tested for purity and value.

No. 3: What to look for in buying a used car; the methods of unethical dealers; some simple tests for prospective buyers. Approved by the Automobile Association of America.

j-h-c-a 9 minutes $4.00
or $1.50 EACH PART

GEYSERS AND HOT SPRINGS (AB, Color)

Explains the action of geysers and hot springs as a part of the dynamic process of volcanism.

i-j-h-c-a 11 minutes $3.00

GIANT KILLER, THE (UW)

Woody Woodpecker climbs a beanstalk, subdues the giant, and takes over the castle for a hotel.

p-i-j 10 minutes $1.50

GIANT OF THE NORTH (AS, Color)

Depicts the natural beauty, resources, and life of the people of Alaska, particularly of the Point Hope Eskimos. Includes some pictures of the jet air base there.

general 21 minutes $1.00

GIANTS OF THE JUNGLE (TFC, Restricted to Classroom Use)

Shows some of the training elephants get before they become beasts of burden. The scene of the film is Assam, India. These big animals march over difficult terrain, batter down jungle thickets and even trees, lift, haul, carry stones and logs. Adroitly, using feet, trunk, and tusks, they move massive boulders. At the end of the day's work the elephants repair to the river where they are scrubbed with pumice to remove the ticks that burrow into their hides. The picture closes with a scene showing elephants, richly adorned, carrying members of royalty in a maharajah's procession.

p-i-j 10 minutes $1.85

GIFT OF GREEN (SI, Color)

Presented by the New York Botanical Garden to show how the green plant holds a key to all life on Earth. Explains in non-technical language the process of photosynthesis, how the green plant, with the aid of sunlight, builds food from water and air.

j-h-c 20 minutes Handling charge, $1.00

GIFT OF THE ROSE (RI, Color)

Begins with short sequence on mechanics of growing roses in the greenhouse. Remainder of film shows proper care and arrangement of roses in the home and their use for special occasions.

i-h-c-a 20 minutes $4.85

GIFT OF TS'AI LUN, THE — PAPER (HP, Part Color)

Woodland cutting and logging scenes; Great Lakes shipping scenes; a modern paper mill from woodyard to finishing department — these are some of the things viewers will see after they have learned how and where paper was invented and who Ts'ai Lun was.

general 33 minutes Handling charge, $1.00

GINGER AND HER WOODLAND ORPHANS (NOAI, Color)

Unusual wild life action tells the story of tolerance and friendship among baby wild animals and Ginger, a Cocker Spaniel who mothers them all.

p-i-j-h 40 minutes $15.00

GIRLS BASKETBALL FOR BEGINNERS (BU)

Presents for 13 to 15 year old girls in actual game situations: fundamentals, skills, rules, game play.

j-h 22 minutes $3.00

GIRLS IN WHITE (McGH)

The nursing profession and the training required — steps which qualify a girl as a trained nurse.

h-c-a 18 minutes $2.65

GIVE ME LIBERTY
(TFC, Restricted to Classroom Use, Color)

The scene is Virginia, 1765. Patrick Henry delivers his famous speech, "If this be treason . . ." after the king's tax proclamation has been read. There is some objection to his remarks and as a result his wife exacts a promise from him that he will say nothing treasonable henceforth.

Henry is reluctant to speak at a protest meeting held by patriots at St. John's Church, Richmond. But when a loyalist talks against war with England, Henry, after an encouraging glance from his wife, delivers his "Give me liberty or give me death" speech and is wildly acclaimed although the British soldiers enter the church.

j-h-c 20 minutes $4.25

GIVE US A BREAK (CIS)

Directed to drivers, pedestrians or anyone who might unknowingly impede operations of city fire department. Shows hazards arising from blocking hydrants, parking in fire block, running over hose and crowding in at fires.

h-c-a 12 minutes $2.65

GIVING A SHOP DEMONSTRATION (UW)

Shows a shop teacher preparing and conducting a shop demonstration in forming a flanged tray.

h-c-a 18 minutes $2.65

GIVING THE RORSCHACH TEST: KLOPPER METHOD (PSC)

The test is explained briefly, and then excerpts follow from a staged examination of a single subject. Color sequences display colored Rorschach cards. Superimposed drawings show what the subject sees in the cards. A summary concludes the presentation.

c-a 9 minutes $1.85

GLACIER PARK — CANADIAN ROCKIES
(PHP, Color)

Pictures the scenic wonders and wild life of Glacier National Park, Lake MacDonald, Waterton Lakes Park, Banff and Lake Louise; and shows the Blackfoot Indians.

j-h-c-a 22 minutes $4.25

GLACIER PARK STUDIES (SM)

Serves as a field trip to introduce students to the history, geology and outstanding life forms of the park. The film shows mountain structures, glaciers, lake formations, wild animals, unusual flowers and illustrates basic geologic concepts.

j-h-c 22 minutes $2.65

GLAMOUR FISH OF HAWAII (CIP, Color)

After four months of experimentation another world is opened up to the film viewer. All the beauty of color and form of the fish in the area of Hawaii beautifully filmed in color.

j-h-c-a 11 minutes $3.00

GLAMOUR STREET (McGH)

Shows Fifth Avenue in New York City from Greenwich Village to Spanish Harlem.

j-h-c-a 16 minutes $2.65

GLASS (AL)

The development of the plate glass industry is traced from the beginning of the Dark Ages to present. Included also is a trip to a glass factory where sand, sodium, and heat make plate glass.

i-j-h-c 10 minutes $1.85

GLEN WAKES UP (YA)

Glen, a young boy who begins to feel that everyone has turned against him, is visited one night by Mr. X. Glen discovers that life holds more pleasure and satisfaction when he shoulders his share of responsibilities.

i-j 11 minutes $1.85

GLIDING: CLOUD CHASERS (RKO)

The building of gliders and glider pilots at the Army Air Force Glider School.

j-h-c-a 20 minutes $2.65

GLIDING: SILENT WINGS (RKO)

Gliding as a sport.

j-h-c-a 20 minutes $2.65

GLIMPSE OF THE PAST, A (IU, Color)

Presents phases of prehistoric American Indian life as revealed by archaeologists who study the features of early village sites and the materials obtained from exploring them.

i-j 10 minutes $2.70

GLOBAL CONCEPT IN MAPS (C, Color)

The three main concepts are treated in this film. They are the globe, projection, and distortion.

j-h-c 11 minutes $2.70

GLORY OF SPRING (IFB, Color)

Shows the blossoming of shrubs and trees from winter bulbs to spring flowers by means of time-lapse photography.

j-h-c-a 11 minutes $3.00

GO YE (MCE, Color)

Pictures the people of Asia at work in the cities, bargaining in the market place, growing rice on terraced land, against the background of their funeral and religious customs. The revitalizing influence of the missionary work done among these people is shown.

j-h-a 20 minutes $4.25

GOD IN NATURE (PPRO, Color)

Presents various phases of nature — sea, mountains, flowers, clouds, seasons — with musical accompaniment and the narration of pertinent passages from the Bible.

j-h-c-a 10 minutes $2.70

GODDESS OF MERCHANTS (BIS)

Presents history of the British wool trade from medieval times to present, how its revenue was foundation of Britain's prosperity, built its famous churches, etc. Film also shows the transformation from handicraft to modern mass production, notably in the machine smashing riots of the workers.

h-c-a 21 minutes $3.00

GOD'S ACRE OF DIAMONDS (SP)

Points out the value of the Sunday School as the evangelistic arm of the church.

c-a 20 minutes $2.65

GOD'S CAREER WOMEN (SER, Color)

Depicts the training of a girl in the sisterhood from her desire to go to the Convent until she finally professes the vows. Twenty-seven orders are represented.

j-h-c-a 40 minutes $10.00

GOD'S WONDERS IN YOUR OWN BACKYARD (CCP, Color)

As a little girl and boy play in their backyard and discover a cautious worm, a wonderful snail, a mysterious spider and a wriggling centipede, a narrator explains how God has created even these small creatures to help, in their own way, the marvelous work of nature.

i-j 10 minutes $2.70

GOING STEADY? (C)

Whether they realize it or not, a high proportion of teen agers "go steady" or will before they are out of high school. Of course, steady dating is a normal step in the progress toward engagement and marriage and should be understood as such. But even if this relationship is quite casual, it often brings problems and disadvantages. "Going Steady?" emphasizes these points and raises the whole question of going steady in an objective setting that will encourage discussion and understanding through the valuable exchange of ideas.

j-h-a 11 minutes $1.50

GOING TO BLAZES
(TFC, Restricted to Classroom Use)

Tells of the work of the fire department in a large city; how an alarm is turned in and what happens in the fire department. States that the way to fight fires is to prevent them by safety checks. Shows many home fire hazards. Homes, lives, jobs — all are going to blazes, and a fire costs everybody.

h-a 22 minutes $3.00

GOLD RUSH MICKEY (BRF)

Mickey, piano player in a Klondike saloon, finds Minnie outside, cold and hungry. Pierre, a trapper, kidnaps her. Mickey chases; battle ensues. Gag with Pluto and huge snowball smashes cabin; Mickey and Minnie saved.

general 5 minutes $1.50

GOLDEN AX (EB)

Adapted from a story by Aesop, this film points up the moral that honesty is the best policy. A woodsman loses his rusty ax. He refuses to accept a silver and a golden one from a strange little man until he is assured that he is welcome to them. Great joy comes to him, but when his greedy neighbor tries to fall into the same good luck, unhappiness results.

p 9 minutes $1.50

GOLDEN CITY (FL)

Presents Johannesburg, Queen City of South Africa, as a modern cosmopolitan center. Shown also are the gold mines in operation, visit to Praetoria, and the colorful Ndebele tribe of the Transvaal.

j-h-c-a 18 minutes $3.00

GOLDEN FLEECE, THE (ASFL)

Is an overview of the Australian sheep-raising industry. There is a brief explanation of the efforts in sheep breeding which have played an important part in Australian sheep raising, and a fine Marino is shown as a typical example of the result of correct breeding. There are scenes of the flocks as they graze, and of the sheep being dipped and receiving medicine by spray gun. Every year, the narrator states, 113 million sheep are assembled for shearing. The work in a typical shearing shed is explained, and the fleeces are shown being rolled and sorted, classified, and finally baled and weighed. Trucks and railroads are used for transportation to market centers. The film ends with scenes in a typical market, including the display room, the auctioneer's appraisal, and an interesting recording of a sale in the auction room.

i-j-h-c 11 minutes $1.85

GOLDEN HARVEST (GLSC, Color)

Describes the benefits to farmers of being able to store one year's crop or more of small grain on the farm. Suggests a prefabricated steel building as a means of meeting this national farm need and helping the farmer to make more money.

i-j-h-c-a 15 minutes $1.50

GOLDEN RULE: A LESSON FOR BEGINNERS (C)

Interprets the "golden rule" as a standard for behavior so it will be understood by young children.

i 10 minutes $1.50

GOLDEN TWENTIES, THE (McGH)

The fabulous "jazz age" — the age of the "lost generation," repeated from newsreel shots of the time and narrated by Red Barber, Elmer Davis, Robert Q. Lewis, and Frederick Lewis Taylor. The fields of politics, sports, business, entertainment and just plain daily living are treated with vivid realism. President Harding, Red Grange, Bobby Jones, Rudolf Valentino, and Sinclair Lewis are a few of the many famous personalities seen in the film.

general 68 minutes $10.00

GOLDEN WEST (OF)

Shows development of the American West from the first mining towns to modern mining methods and also the Navajo Indians then and now.

i-j-h-c-a 9 minutes $1.85

GOLDILOCKS AND THE THREE BEARS (C, Color)

Presents the fairy tale re-enacted by a girl and three real bears, and suggests drawing pictures of scenes in the story and reading other stories.

p-i 10 minutes $2.70

GOLF: BEN HOGAN (RKO)

Outstanding golfer, Ben Hogan, shows his championship form.

j-h-c-a 15 minutes $2.65

GOLF: BYRON NELSON (RKO)

The famous golfer showing many of his intricate shots.

j-h-c-a 15 minutes $2.65

GOLF: CRAIG WOOD (RKO)

The famous golfer shows some tips on winning form.

j-h-c-a 15 minutes $2.65

GOLF: GOLF DOCTOR (RKO)

The dentist golfer, Dr. Cary Middlecoff, shows how the game is played.

j-h-c-a 15 minutes $2.65

GOLF: GOLF LIMITED (RKO)

How golf was played under war time conditions.

j-h-c-a 15 minutes $2.65

GOLF: JOE KIRKWOOD (RKO)

The wizardry and science behind Joe Kirkwood's golf game.

j-h-c-a 15 minutes $2.65

GOLF MISTAKES (TFC)

Horton Smith, Lawson Little, Harry Cooper, and Jimmy Thompson demonstrate good and bad golf technique.

h-c-a 11 minutes $1.85

GOLF: TEE TRICKS (RKO)

Horton Smith demonstrates his golf techniques.

j-h-c-a 15 minutes $2.65

GOOD BADMINTON (TFC, Restricted to Classroom Use)

Explains game and is followed by match in which champions Jess Willard and Cliff Sawyer demonstrate correct timing, fast foot work and accurate placement.

h-c-a 10 minutes $1.85

GOOD EARTH, THE (TFC, Restricted to Classroom Use)

A school abridged version of the feature-length dramatization of Pearl Buck's book.

j-h-c 40 minutes $4.45

GOOD EARTH, THE (Famine Sequence) (TFC)

Deals with the ravages of famine in a Chinese village and the struggle for survival.

h-c-a 13 minutes $3.00

GOOD EATING HABITS (C)

When youngsters see how Bill, a boy just like them, becomes ill because of his improper eating habits, they're sure to take a new interest in the proper way to eat. They'll see how important it is to eat slowly, chew foods thoroughly, avoid excessive sweet foods — especially between meals — and why they should eat what is served to them at mealtime.

p-i 11 minutes $1.50

GOOD FOR EVIL (ADM)

A young man's trust in his boss is betrayed. Under the trying circumstances of near drowning, the boy is forced to make his decision on retaliation or returning "good for evil."

h-a 10 minutes $1.50

GOOD HEALTH PRACTICES: PART 1 AND 2 (AVF, Color)

Both films illustrate good health habits for children and explain why they are necessary.

Part 1: Covers eating, toilet, cleanliness, rest, and sleep.

Part 2: Covers teeth, eyes, ears, nose, and posture.

p-i 10 minutes $3.00 each part

GOOD HOUSEKEEPING — FOR MEN ONLY (AE)

Emphasizes importance of neatness and orderliness as safety measure in the construction industry. Correct ways to pile materials, store combustibles and arrange other supplies discussed as they apply to all phases of job.

c-a 13 minutes $2.65

GOOD JOB, THE
(TFC, Restricted to Classroom Use)

A story by William Saroyan in which a young storekeeper in the slum district of an unidentified town philosophizes about the people who come to the store for things to eat, a place to be, or simply to talk with somebody.

j-h-a 10 minutes $1.85

GOOD NEIGHBOR FAMILY (UW)

Portrays family life and customs of Latin America contrasted to those of the United States.

j-h-c-a 18 minutes $3.00

GOOD NEIGHBORS (TFC, Restricted to Classroom Use)

Shows the wealth of Lima, Peru, and Rio de Janeiro, Brazil and depicts the architectural magnificence of Buenos Aires. Primitive harvesting and threshing in the pampas country, airplane views of the Andes and of crater interiors are also included.

h-c-a 11 minutes $1.85

GOOD NEWS (ABC)

Depicts a young Negro girl in the South who takes advantage of the opportunity to go to a mission school in South Carolina.

h-c-a 25 minutes $3.70

GOOD PLACE TO WORK (NAM)

The story of current and past achievements of industry to improve working conditions and make factory employment attractive. Intended to counteract the movement to make white collar employment more attractive regardless of the students own abilities and interests.

j-h-c-a 15 minutes $2.65

GOOD SAMARITAN (RFA)

The parable of Jesus, enacted by puppets designed by Mabel Beaton.

p-i-j 14 minutes $5.00

GOOD SAMARITAN (UW)

A client visits a lawyer for advice in squeezing some land from a poor neighbor. The lawyer tells of his recent interview with Jesus, which includes Jesus' parable of the Good Samaritan (dramatized), and refuses a part in the scheme.

j-h-c-a 12 minutes $3.00

GOOD SPEECH FOR GARY (McGH)

The story of a second grade boy who was helped to overcome his stuttering by the cooperation of teachers, parents, and classmates, and by the use of various teaching aids — flannel board, radio, puppets, choral speaking, social-drama, etc.

c-a 20 minutes $3.00

GOOD SPORTSMANSHIP (C)

Demonstrates what good sportsmanship is, motivating a desire on the part of the individual to "be a good sport" himself. Through lively story situations, the audience sees a number of examples of good sportsmanship in action. The importance of sportsmanship in all phases of daily living is emphasized.

i-j 11 minutes $1.50

GOOD TABLE MANNERS (C)

Good table manners depend partly upon attitude. Here this important factor is developed by showing that table manners are matters of courtesy, consideration for others and common sense. Through an unusual dramatic device, in which a 14-year-old boy is brought face-to-face with himself as a young man of 21, audiences will see that they soon will be entering an adult world in which they will be constantly concerned with making a good impression.

i-j-h 11 minutes $1.50

GOODBYE, FLY (IS, Color)

Deals with the life history of the fly, how it spreads disease, and indicates preventive measures.

j-h-c-a 11 minutes $3.00

GOODBYE, MR. GERM (NTA)

The germ "Tee Bee" is prevailed upon to tell the story of his life, while the doctor tells the germ of the modern way of fighting tuberculosis.

i-j-h-c-a 14 minutes $3.00

GOSSIP (SD)

The harmful effect of gossip is shown in the case of a high school girl whose reputation is ruined by the spreading of a story which was made up by one boy. Timely action by the principal of the school succeeds in "stamping out" gossip.

j-h-c-a 10 minutes $1.85

GOVERNMENT IS YOUR BUSINESS (CH)

A dramatic presentation of a young man who dared everything to show that corrupt government is due more to the weakness of good people than to the strength of evil-doers.

i-j-h-c-a 30 minutes $3.70

GRACE OF FORGIVENESS (UW)

Covers the two-year period which Paul spent in Rome awaiting trial. Includes the incident with the runaway slave Onesimus, and depicts Paul dictating parts of the Epistles which were written from Rome.

j-h-c-a 27 minutes $3.70

GRACIAS AMIGOS (OIAA)

Is the dramatic story of the contribution made by our neighboring Southern Republics to the winning of

GRANDMA MOSES

Fine color photography enriches this picture story of one of America's most famous primitive painters.

20 MINUTES RUNNING TIME **$4.25 PER WEEK**

World War II by furnishing raw materials rapidly when other sources of the same materials were cut off — rubber, nitrates, quartz, sisal, tin and manganese are only a few of these.

h-c 20 minutes $2.65

GRAIN THAT BUILT A HEMISPHERE (UW, Color)

Animated film describing growth and development of wild corn to present day cultivation where its products are adding to greater scientific advancement of materials.

i-j-h-c-a 11 minutes $2.70

GRAND CANYON (IF, Color)

Covers the geological and scenic highlights of the Grand Canyon, including the Havasupai Indians.

j-h-c-a 11 minutes $3.00

GRANDMA MOSES (AFF, Color)

Scenes of the life and works of Grandma Moses, American primitive painter, who reached the age of 90 in 1950. She is shown in her simple, busy life on a farm in upstate New York where she paints, prepares her own painting boards, and observes the landscape through the changing seasons. The last half of the picture is based on her paintings.

j-h-c-a 22 minutes $4.25

GRASS AND BRUSH-FIRE FIGHTING (UW, Color)

Shows how to suppress a grass and brush fire with small crew of trained fire fighters. By animation on a relief model, demonstrates how fire warden sizes up and outlines the job to be done and how a five acre fire is brought under control.

h-c-a 25 minutes $3.85

GRASS AND CATTLE (UW, Color)

Shows how the Forest Service is developing the range resources of the National Forests for maximum permanent production and use in the interest of a stable, prosperous livestock industry, with full protection of the water-shed and other values and services in the public interest. The setting is in a typical western cow camp of working cowboys — where their range philosophy and songs are presented.

i-j-h-c-a 15 minutes $4.25

GRASSHOPPER, THE (C, Color)

Explores the life cycle and structure of this common insect.

i 6 minutes $2.00

GRASSLAND (USDA)

The problem of soil conservation on the grazing lands of the arid Southwest is discussed. Interesting photography of sheep and cattle on the range; approved methods of attack on the evils of overgrazing.

j-h-c 11 minutes $1.00

GRASSLANDS FARMING (McGH)

Shows the planting, storage, and manner of feeding beef-cattle with grass grown on marginal land.

h-c-a 13 minutes $2.65

GRAVITY (C)

This common, but important, subject is clearly presented in this film through the medium of a variety of everyday examples that all can understand and appreciate. Students are made aware of the force of gravity and are helped to understand its principles. Major effects of gravity on our solar system, tides, and on the effect of distance on gravitational pull are demonstrated and explained.

i-j 11 minutes $1.50

GRAY SQUIRREL (EB)

One spring morning, Mrs. Gray Squirrel is seen scampering through the woods to her home in an old oak tree. Here she nurses her three babies, then one week old. Three weeks later, the three little squirrels are seen learning to play and climb. Mrs. Squirrel then builds a new summer home higher up in the oak tree. When the babies are two months old, they climb with their mother to the new nest. In another month, they are seen climbing about more easily and doing acrobatics. At six months of age, the squirrels are almost full grown and demonstrate their ability to crack and eat acorns. The film concludes with a winter sequence in which one of the squirrels engages in a thrilling race with a red fox.

p-i 11 minutes $1.50

GREAT BALLERINA (BRF)

Features the great Russian ballerina, Galina Ulanova, in a portion of Tschaikowsky's "Swan Lake Ballet."

j-h-c-a 6 minutes $1.85

GREAT CIRCLE (IFB)

Shows by means of a globe the meaning of "a great circle," the spatial relationship between the large cities of the world, ancient maps, famous land and sea routes, different peoples of the earth who are being brought more closely together by increased speed of transportation and communication.

j-h-c-a 14 minutes $3.00

GREAT CLOUD OF WITNESSES, A (UW)

Presents a sermon on "life" by the Rev. W. E. Sangster, with interpolated sections from motion pictures of the Olympic games.

h-a 14 minutes $2.65

GREAT EXPECTATIONS
(TFC, Restricted to Classroom Use)

A school edition of the Dickens masterpiece, in which Henry Hull plays the role of Magwitch.

j-h-c-a 36 minutes $5.00

GREAT HEART (TFC, Restricted to Classroom Use)

Tells the story of the leper colony of Molokai. In February, 1936, a U. S. Army transport leaves Hawaii to carry back, at the Belgian government's request, the coffin of a man named Joseph Damien de Veuster.

The scene shifts to March 19, 1864, when four young priests arrive in Hawaii to serve as missionaries. De Veuster, best known as Father Damien, ministers to his parish while each week a boatload of lepers is taken to Molokai. The Hawaiian government issues a decree to the effect that all non-lepers must leave Molokai immediately or remain forever.

Father Damien goes to the leper isle. For ten desperate years he labors. He digs their graves, builds new houses, and pipes in fresh water. But only a handful attend his chapel. One day, as he soaks his feet in a basin of hot water, he is shocked to discover that one foot cannot feel the hot water, and he realizes that he, too, is a leper. That Sunday he greets his flock with the words, "we lepers." The news is flashed throughout Molokai that Father Damien is one of them.

Both the commentary and the dramatic presentations are well handled.

general 11 minutes $1.85

GREAT LAKES (McGH)

Surveys shipping on the Great Lakes; discusses cargoes, navigation, and safety measures; and shows how inland industries have been made possible by this waterway.

j-h-a 20 minutes $2.65

GREAT LAKES, THE: HIGHWAY OF COMMERCE (EB, Color)

Illustrates the role of the great lakes in transporting lumber, wheat, coal, and iron ore, and shows typical freight-carrying lake vessels.

i-j-h 22 minutes $4.25

GREAT LAKES, THE: HOW THEY WERE FORMED (EB, Color)

Depicts the work of glaciers in forming the Great Lakes, defines the present-day drainage, and illustrates topographical changes which are occurring at the present time.

i-j-h 11 minutes $3.00

GREAT LAKES, THE: THEIR LINK WITH OCEAN SHIPPING (EB, Color)

Shows the Welland and St. Lawrence River Canals in operation.

i-j-h 11 minutes $2.70

GREAT LIBRARY MISERY
(TFC, Restricted to Classroom Use)

All Mr. Smith wants is a library card — but they seem to be precious as gold; at least, Mr. Smith has his troubles getting one. And just as he gets it, it is taken away from him.

general 10 minutes $1.85

GREAT RHINE WAY (GA)

A boat trip up the Rhine River from Rotterdam to Basle. Holland's unique position in international commerce. Importance of the Rhine to Western Europe's economy.

j-h-c-a 19 minutes $4.25

GREAT WALTZ (TFC, Restricted to Classroom Use)

Excerpt from MGM's feature release on the life of Johann Strauss. Several of Strauss' world renowned waltzes are played.

j-h-c 22 minutes $3.00

GREAT WINDS (Distribution of Pressure and Winds) (UW)

Reviews principles of circulation of air, including influences of land and sea areas and seasonal changes that affect distribution of pressure and winds.

i-j-h 10 minutes $1.85

GREATEST GIFT, THE (TFC, Restricted to Classroom Use)

The ancient story of the juggler in the monastery. Every spring the monks give beautiful gifts, made during the winter, to the Virgin Mary. The poor juggler, taken in by them during the winter, has no gift to give — but one morning in spring the monks find him juggling happily in front of the statue of the virgin at the altar. They are on the point of stopping him when the statue suddenly comes to life and reaches out her hand to bless the poor juggler. An excellent Easter film.

i-j-h-c-a 10 minutes $1.85

GREECE (FF)

The heroic struggles of the people of Greece, both during and since the war, as well as the efforts being made for the re-establishment of economic and political order is shown.

j-h-e 16 minutes $2.65

GREECE (THIS WORLD OF OURS SERIES) (IFI, Color)

Shows the life and the work of the people in Greece.

j-h-e-a 10 minutes $3.00

GREEK CHILDREN (EB)

Shows daily activities of a boy and girl in a fishing village of southern Greece. Portrays the chores of the girl and other womenfolk, and the boy's friendship with the village shepherd who teaches him to play the flute. Follows the boy and his father to Athens in a fishing boat, and ends with scenes of the Acropolis.

p-i 17 minutes $2.65

GREEN DOLLARS (UI, Color)

Shows the value of a legume-grass program for Illinois farmers. Tells of the benefits of legumes for soil building, by turning them under for green manure, for erosion control and for pasture for dairy cattle, beef cattle, hogs and sheep. Methods of pasture renovation are shown; namely, getting rid of old sod, applying proper fertilizers, preparation of seed bed and seeding. The uses of various types of legumes and grasses are also shown.

e-a 44 minutes $2.00

GREEN GOLD (RS, Color)

A boy convinces his father of the importance of grass, of how it aids in the production of food.

j-h-a 30 minutes Postage

GREEN VAGABONDS (AL)

Shows the dispersing of seeds from the parent plant by wind and rain, insect and bird, and taking root.

j-h-a 11 minutes $2.00

GREENER PASTURES (RAY, Color)

Pasture can be made to pay if given the same care as other farm lands. Outlines a four point program for pasture soil building; test soil to determine fertilizer requirements, rip up old sod to make good seed bed for new grass, seed locally adopted grass seed, and safeguard against overgrazing.

a 20 minutes $4.25

GREENIE, THE (TFC, Restricted to Classroom Use)

As a group of boys come to know and understand a newcomer to their neighborhood, a Polish refugee lad, they overcome their initial prejudice and ridicule, and accord him a place in their circle.

j-h-c 10 minutes $1.85

GREY OWL'S LITTLE BROTHER (TFC, Restricted to Classroom Use)

This is a story of the friendship between a half-breed Canadian backwoodsman and a beaver. When the picture opens we see Grey Owl, the backwoodsman, launching his canoe. Once on the water he calls and the beaver appears. This is followed by a flashback to the beginning of the friendship. The baby beaver, left alone, is discovered by the man who brings it to his camp where he feeds him from a bottle. As the beaver grows, it learns to eat from a dish with its paws, cleaning and brushing itself thoroughly after each meal. Grey Owl does not want to domesticate the beaver, so when it meets a mate, he lets it go. There are several scenes of the two beavers in the water. Grey Owl slaps the surface with his paddle and his pet appears, climbs into the canoe for food. An excellent sequence shows beavers constructing a winter home. They drag branches from the stream and cut them with their sharp teeth. Finally, they bring mud up from the bottom of the stream to fill in the crevices and to seal it securely against all marauders. There are close-ups of this work.

p-i-j 11 minutes $1.85

GRIEG PIANO CONCERTO (SG)

Presents the first movement of the Grieg Piano Concerto performed by the Rome Philharmonic Orchestra directed by Angelo Questa, and two Norwegian dances.

h-e-a 20 minutes $2.65

GRINDING A V-BLOCK (UW)

How to set up a V-block to grind the ends and the V, rough and finish grind the ends, establish reference points for grinding the V to precision dimensions, and check the work for accuracy.

h-a 22 minutes $2.65

GRINDING AND USE OF BASIC LATHE TOOL CUTTER BITS (SBL, Color)

Shows how to grind cutter bits for various lathe operations including rough and finish turning, facing thread cutting.

h-c-a 15 minutes $3.85

GROUND CONTROL APPROACH OF AIRCRAFT (CAA)

Explains the operation of GCA utilizing radar equipment manufactured by Bendix; shows how the various activities of the operation handled by a five-man crew are properly coordinated.

h-c-a 44 minutes Handling charge, $1.00

GROUND CREW SAFETY (CAA)

Discusses causes of spontaneous combustion; points out "don'ts" when working with batteries, torches, gasoline, drop cords. Covers safety precautions when refueling and starting a plane. Emphasizes practices that cause accidents in and around the hangar.

h-c-a 17 minutes Handling charge, $1.00

GROUND WATER (EB)

Artesian wells, springs, water table, caves and wells are explained by animated drawings and illustrated photographically. Other phenomena such as geysers, springs, sink holes, petrifaction, concentration of useful minerals, and geode fillings are explained and illustrated by outstanding examples in the United States.

h-c 11 minutes $1.50

GROUSE OF THE GRASSLANDS (EB, Color)

Shows the western Missouri booming grounds of the prairie chicken where is filmed the mating ceremonies of that species of grouse. Portrays the booming of the male, his strutting to attract the female, and his gorgeous mating-time coloration.

j-h 11 minutes $2.70

GROW YOUR OWN (USDA)

The picture sets forth in a light vein the essentials of good gardening. Information is given on the preparation of the soil, how to lay out a garden, planting, transplanting, cultivating, weed and pest control, and watering. A "dream" sequence shows by stop motion photography how plants grow. The picture closes with a series of humorous "don'ts" designed to bring home, through exaggeration, the many pitfalls that might mar the success of an amateur gardener.

j-h-c 20 minutes $2.65

GROWING GIRLS (EB)

Through case study and animation, tells the physiology of menstruation and indicates health practices pertinent to its periodic recurrence. A young girl is shown reacting to the onset of the period, and demonstrates proper exercise, diet and her relation to common experience through a menstrual period.

j-h 14 minutes $2.25

GROWING YEARS, THE (ASF)

Depicts the story of Janet, a newcomer in town. Shows her Girl Scout activities, her family and Community Recreation Center and how all help Janet gain a feeling of security and "belonging."

i-j-h 20 minutes $2.65

GROWTH CHANGE — MATURATION DIVISION-MEISOIS (ATB)

Made by phase-contrast cinemicrography of transparent living organisms, depicts the basic process underlying reproduction, growth, and regeneration in all forms of living things with a clarity of detail and definition as well as contrast that has previously not been possible. The speed-up makes one minute on the screen equal to three hours in the lives of the cells.

h-c-a 19 minutes $2.65

GROWTH OF CITIES (EB)

Portrays the natural influences affecting the location and growth of cities — harbors, water courses, raw materials and climate. Animated drawings trace the urbanization of the United States. The effect of location, business enterprises and power on the rate of growth of cities is shown.

i-j-h-c 11 minutes $1.50

GROWTH OF FLOWERS (C, Color)

Through the magic of time lapse color photography the sprouting, blooming and dying of roses, orchids, jack-in-the-pulpits, daffodils and iris are illustrated.

general 10 minutes $2.70

GROWTH OF LONDON (UW)

Presents principal events and developments which shaped London and the British Empire. Describes the expansion period in terms of London's trade, 16th century discovery and exploration, the Industrial Revolution. Shows the complexities and some of the current problems of the modern city.

h-c-a 30 minutes $3.70

GROWTH OF MANKIND (AFR)

Shows the development of mankind, with some portions concerned with the explorations of the late Dr. James Henry Breasted.

h-c-a 14 minutes $2.65

GUADALAJARA (UW, Color)

Presents the tourist view of the city.

h-c-a 22 minutes $4.25

GUARD YOUR HEART (B)

Dramatizes the story of Sam Taylor, a middle-aged man who exerts himself a great deal and tires his heart. When he pays a visit to his doctor, the latter tells him about the structure and function of the heart, and advises him to slow down. Sam eventually adjusts to his new schedule of activities.

c-a 23 minutes $3.70

GUARDIAN ANGEL, THE (CAA)

Depicts the great variety of uses to which the helicopter is being put in Korea — new tasks are found for it almost daily.

j-h-c-a 13 minutes Handling charge, $1.00

GUARDIANS OF OUR COUNTRY'S HEALTH (F, Color)

The work of the Quarantine Stations of the U. S. Public Health Service. Shows what is done by doctors and quarantine inspectors at harbors, airfields and border stations to prevent the spread of disease by persons entering the United States.

h-c-a 16 minutes $4.25

GUARDIANS OF THE SEA (TFC, Restricted to Classroom Use)

Is the story of the U. S. Coast Guard which defends the shorelines and other possessions. Students study seamanship, engine operation, navigation, handling small boats, hydrographic work, etc. Work of the lighthouse division, part of the Coast Guard; demonstration of lifesaving crew at work; the breeches buoy; icebreaking to open winter channels; the ice patrol in the North Atlantic; flying branch of the Coast Guard; and the work of the weather bureau are shown.

j-h-c 9 minutes $1.85

GUATEMALA (PFI, Color)

Demonstrates Guatemalans' love for the land and their free way of life. Efforts of Communism to infiltrate the country are illustrated, and reasons for probable defeat of these forces pointed out.

h-c-a 11 minutes $3.00

GUATEMALA, LAND OF LOOMS (AMP, Color)

A trip across Guatemala in search of some unusual fabrics for a wedding gift. Two Guatemalan Indian boys go in search of hard-to-get fabrics hand made by Guatemalan Indian women. Colorful Indian religious ceremonies observed by the half Christian Indians are reproduced in brilliant color.

j-h-c-a 33 minutes $5.20

GUATEMALA STORY (IFI, Color)

Presents people and industries, geography and customs, native Indians at work and at play along with modern cities and buildings.

i-j-h-c-a 15 minutes $4.25

GUIDANCE PROBLEM FOR SCHOOL AND HOME, A (TC)

Depicts the problem of Danny, a second-grade child who has poor social adjustment and who is not doing well in his school work. Although he has ability, he is not interested. Scenes from his home life show the conflicting attitudes of his parents toward him; episodes on the playground and in the classroom show his unpopularity and how the teacher tries to bring him out. Conferences between the teacher and his mother, and between the teacher and the principal, help solve the problem.

c-a 18 minutes $3.00

GUILTY OR NOT GUILTY—THE NUREMBERG TRIALS (FFM)

Shows pictures of the atrocities presented as evidence at the trials and raises questions regarding the moral foundations of international justice.

h-c-a 30 minutes $3.70

GUN IN HIS HAND (TFC, Restricted to Classroom Use)

A gang leader becomes a policeman so he can learn what not to do in committing crimes. However, police work succeeds in tracking him down.

i-j-h 18 minutes $2.65

GYMNASTICS (TFC, Restricted to Classroom Use)

Here champions of the Amateur Athletic Union perform with gymnasium apparatus. We see them do difficult exercises on the flying rings, long horse, and high horizontal bar. Chinning on a vertical bar and on a horizontal bar, and tumbling are included. Many interesting shots are repeated in slow motion.

j-h-c 10 minutes $1.85

GYMNASTICS: PART I (PHP)

Pictures parallel bars, long horse, rope climb, and tumbling.

j-h-c-a 16 minutes $3.00

GYMNASTICS: PART II (PHP)

Shows free exercise, rings, side horse, and high bar.

j-h-c-a 16 minutes $3.00

GYPSY REVELS (TFC, Restricted to Classroom Use)

A film which reproduces music as known in the inns and music halls in Czarist Russia in which Yasha Bunchuk with an orchestra and singers, all in Russian costume, play and sing such characteristic Russian songs as "Dark Eyes," "Sighing Winds" and others.

i-j-h 11 minutes $1.85

GYRO COMPASS — THE COMPASS SYSTEM (CAA)

Explains and demonstrates the five major assemblies — sensitive, phantom, and spider elements, mercury ballistic, and binnacle — of a Sperry Mark 14 Gyro compass; shows the operation of the followup and repeater systems.

h-c-a 16 minutes Handling charge, $1.00

GYRO COMPASS — PRINCIPLES OF THE GYROSCOPE (CAA)

Explains the basic principles of the gyroscope (rigidity in space and precession); points out the three degrees of freedom of a gyroscope and makes a further study of precession, rigidity, and apparent rotation.

h-c-a 10 minutes Handling charge, $1.00

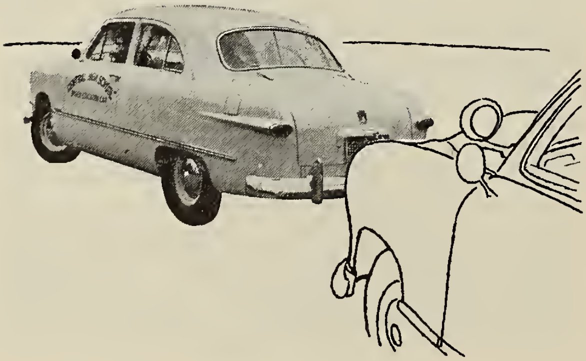
GYRO COMPASS — THE GYRO BECOMES A COMPASS (CAA)

Uses simplified models of the pendulous and the mercury ballistic type compasses to explain why the gyroscope, acting as a compass, turns toward the meridian, how its motion is damped, and how it is kept on the meridian.

h-c-a 15 minutes Handling charge, $1.00

DRIVER EDUCATION

DRIVER TRAINING: ADVANCED TURNING MOVEMENTS
DRIVER AT NIGHT
DRIVING ECONOMICALLY
DRIVING IN THE CITY
DRIVING ON THE HIGHWAY
DRIVING UNDER ADVERSE CONDITIONS
PARKING THE CAR
PRACTICE MAKES PERFECT DRIVERS



GYRO COMPASS — THE GYROSCOPE AND GRAVITATION (CAA)

Explains the theory and operation of the pendulous and mercury ballistic type compasses (analyzing the Arma Pendulous Compass and the Sperry Mercury Ballistic Compass); studies the effect of gravity upon the gyroscope, explaining its principle.

h-c-a 15 minutes Handling charge, $1.00

GYRO COMPASS — THE GYROSCOPE AND THE EARTH'S ROTATION (CAA)

Explains how a simple gyroscope becomes a gyro compass; demonstrates the principles of rigidity, precession, apparent rotation, and gravity.

h-c-a 10 minutes Handling charge, $1.00

H — THE STORY OF A TEEN-AGE DRUG ADDICT (YA)

The case history of a teen-age boy and his fight with drugs — how he encounters drugs and becomes an addict, and how he solves his problem.

h-c-a 22 minutes $2.65

HABITANT ARTS AND CRAFTS (IFB, Color)

After emigrating from France the habitant both preserved his mother country's traditions and made himself proficient in old Indian crafts such as snowshoe making, shipbuilding, and wood-carving. Baking in outdoor ovens, growing flax and spinning are all among the accomplishments of these thrifty folk.

j-h-c 10 minutes $3.00

HACIENDA LIFE (HFE, Color)

Pictures the people of the Hacienda making cider, butter, and cheese. Includes the shearing of the sheep and the spinning of the wool into thread and the weaving of the woolen yarn into a blanket.

j-h-c-a 9 minutes $2.70

HACIENDA LIFE IN OLD MEXICO (HFE, Color)

Portrays life in a community existing today which is practically self-sufficient without the aid of modern mechanization. Is an especially valuable picture for the study of community life in elementary grades.

p-i 11 minutes $2.70

HACK SAWS (SCW)

Selection of blades for different metals and approved methods of use are demonstrated.

j-h-c 20 minutes $2.65

HAIL ALMA MATER (UW)

U. S. Military Academy Choir singing "Army Blue" and "Hail Alma Mater," background scenes of West Point.

j-h-c-a 6 minutes $1.25

HAIL COLUMBIA
(TFC, Restricted to Classroom Use)

Shown in this film are views of houses, statues, monuments, etc., related to American history from 1807-1819.

Among them are statues of Benjamin Franklin, Thomas Jefferson, George Washington, Andrew Jackson, and a number of others. We see the houses once occupied by Alexander Hamilton, John Adams, Lafayette, Jackson, and Jefferson. Also the site of the Battle of New Orleans and a plaque commemorating the invention of the steamboat are brought to view.

i-j-h 10 minutes $1.50

HALF A CHANCE (UW)

Shows orthopedic rehabilitation study primarily to assist amputees in personal psychological adjustments.

c-a 10 minutes $1.50

HALLOWEEN PARTY (EB, Color)

Shows a family of three children making a jack-o-lantern, attending a school Halloween party. The boy wins a prize wearing a costume he helped make.

p 5 minutes $1.60
(one day only)

HALOGENS, THE (C, Color)

Combines laboratory demonstration and lecture techniques to present the members of this important group and their properties, free and in their compounds.

h-c 11 minutes $2.70

HAND INDUSTRIES OF MEXICO (C, Color)

Pictures hand molding of roof tiles, making and decorating of glazed ornamental tiles, handmade shoes, lacquer work and fabrication of silver jewelry.

j-h-c 10 minutes $2.70

HAND PLANE, THE (TOM)

Several types of hand planes are shown and their varied uses briefly explained. Then a cutaway jack plane is concentrated on, its parts are shown and named, and the tool is disassembled. Various adjustments that can be made in the plane are shown. The final quarter of the film shows the plane in use.

i-j-h 12 minutes $1.85

HAND SAWING (JH)

In an outline of the manufacture of saws from the first made by man to the high grade steel saws of today, the difference between rip saws and cross cuts is pictured and explained, as well as their uses. The definition and use of the coping saw are shown and explained. The hack saw is described, from the adjustment of the blade to the methods of using the saw, and its uses in cutting metals.

j-h-c 20 minutes $2.65

HAND SAWS (TOM)

Describes the uses of coping, panel, dovetail, and black saws; and points out the differences between the design and uses of the hand saw and the rip saw.

j-h 12 minutes $1.85

HAND SOLDERING (USOE)

Explains the theory of soldering. How to prepare soldering irons and torches, how to clean and prepare the work, how to fasten the joints, how to solder wire and lug joints, and how to seal seams are shown.

j-h-c 20 minutes $2.65

HANDICRAFT TOWN (ECA)

Maniago, a small town in northern Italy, is known the world over for the quality of its hand-wrought cutlery. But the tradition seemed on the point of dying out until E. R. P. funds restored the flow of coal and steel to Maniago. Production now is back to pre-war standards. Includes demonstration of the technique of knife-making by hand.

j-h-c-a 10 minutes Handling charge, $1.00

HANDLE WITH CARE (OWI)

Emphasizes the increasingly important role chemistry plays in the war. Canada is now turning out more explosives in a period of six months than were turned out in the entire period of the last war. The workers, among whom are chemists, engineers and lab technicians, all combine their skills to turn out materials of annihilation. A part of the film shows the life around the plant. Workers are pictured in the many social activities and recreational facilities made available to them.

h-c 20 minutes $2.65

HANDS OFF (IS, Color)

Vivid illustrations of cornpicker accidents all based on true events. Stresses farm safety while using dangerous machinery.

j-h-c-a 20 minutes $4.25

HANNIBAL VICTORY (USDA, Color)

Documentary story of the voyage of the S. S. Hannibal Victory from San Francisco across the Pacific to Eniwetok, Lingayen Gulf, and Manila. Starting in Hannibal, Missouri, with the manufacture of railroad car wheels, the film shows the loading of the ship, the departure from San Francisco, the work and life of the merchant seaman during the long voyage across the Pacific, and the final unloading of the cargo in the Philippines.

general 60 minutes $3.00

HANSEL AND GRETEL (CAR, Color)

Fairy tale is depicted through animated figures.

p-i 11 minutes $3.00

HAPPIEST MAN ON EARTH, THE (TFC, Restricted to Classroom Use)

An authentic adaptation of the story, "The Happiest Man on Earth," by Albert Maltz, who won the O. Henry Memorial Award for the best short story of 1938.

j-h-c 9 minutes $1.85

HAPPY FISHING GROUND (CTFL, Color)

Follows a group of fishermen up into the far northern Saskatchewan country — fishing at Lac La Ronge for Northern Pike, and then moving even farther north for other game fish. They go most of the way by air, flying over lakes never fished, lakes never seen by white man at close range. On the Fond du Lac river, in the extreme north, they fish for arctic grayling, a species formerly fairly widespread, but now disappeared from all but the most unspoiled waters. Good scenes of Northern Saskatchewan's almost untapped fish and game resources.

general 20 minutes Handling charge, $1.00

HAPPY VALLEY (NFBC, Color)

The pastoral beauty, the delightful simplicity of child life with its love, attachment and devotion to domestic pets, farm animals, and creatures of the wild, are woven into a story that is outstanding in its appeal to the aesthetic and human side of mankind. This was filmed in the Annapolis Valley of Canada, known to millions as "The Land of Evangeline."

general 11 minutes Handling charge, $1.00

HARDNESS TESTING: ROCKWELL (UW)

Film demonstrates need for hardness testing; how to set up the Rockwell hardness tester; how to select and seat the penetrator; how to select and mount the anvil, how to test the accuracy of the machine; how to adjust the timing of the machine; and how to test flat and curved surfaces.

c-a 18 minutes $3.00

HARE AND THE TORTOISE, THE (EB)

The well-known fable by Aesop is captured in all of its charm through natural photography. Additional characters such as a squirrel, a gossipy goose, a chattery rooster, a curious little raccoon, and a very wise old owl have been introduced to add color to the story.

p 11 minutes $1.50

HARMONY IN MUSIC (C)

For beginning music classes. Explains how harmony enriches music. Shows its relationship to chords, how these chords are built, and how harmony — whether in instrumental or choral work — supports melody and rhythm to add vitality to and greater enjoyment of music.

i 14 minutes $2.25

HARVEST FOR TOMORROW (USDA)

Describes the growth, decline, and rebirth of the soil of our country. It shows how the early farmers cleared the land and tilled the soil, always failing to put back into the soil what their season's crops had taken away. Several scenes depict the results of this bad habit. Finally, modern methods of agriculture are devised whereby the lime and the phosphorus, the two most important minerals in the soil, may be restored to the lands.

j-h-c 30 minutes $3.70

HARVESTING SEEDS OF PLENTY (Case, Color)

Stresses the importance of new grassland farming involving the production of seeds from a variety of legume and grass crops, and shows leading crops at various stages of growth, particularly rice crops being threshed with modern combines.

h-c-a 10 minutes $1.00

HAT PARADE (PC)

A comprehensive story of the hat industry. Scenes of sport, travel, business — where fashion and style originate. Beavers, hares, a great rabbit drive in Australia, the principal source of hatters' fur; a short history of Danbury, the "Hat City," and scenes of ancient methods. Then unfolds the ingenious and little known operations in the forming, shaping, and finishing of felts, straws, Panamas, boys' hats, millinery bodies — a complete story "from fur to felt to fashion."

j-h-c 30 minutes Handling charge, $1.00

HAUSA VILLAGE (BIS)

Hausa Village lies in Northern Nigeria and its inhabitants are Mohammedans. Many of their customs are primitive, but they apply themselves with so much energy to farming and fishing that they thrive and prosper. The film presents a detailed picture of their daily life.

j-h-c 22 minutes $2.65

HAWAII (IFI, Color)

Presents the geography of the islands and the activities of the people.

j-h-c-a 10 minutes $2.70

HAWAII — OUR NEXT STATE (McGH)

Presents an over-all survey of the geography of the Islands, the life of the people, the industries, etc.

j-h-c-a 29 minutes $3.70

HAWAIIAN ISLANDS: THEIR CHIEF INDUSTRIES (DPP, Color)

Shows the details of the sugar cane and pineapple industries.

i-j 10 minutes $2.70

HAWAIIAN ISLANDS: THEIR ORIGIN AND NATURE TODAY (DPP, Color)

Covers the physical geography of the Islands, climate, and native food crops.

i-j 10 minutes $2.70

HAWTHORNE AND WHITTIER (MORT, Color)

Scenes in Salem, Massachusetts including "The House of Seven Gables," with interiors; "The Old Manse;" Concord River; and "The Wayside." Also Whittier's birthplace, with the fireplace of "Snowbound," and the Amesbury home, with interiors. Graves of both authors are shown.

h-c-a 14 minutes $3.00

HAY IS WHAT YOU MAKE IT (USDA, Color)

Shows how hay quality is affected by time of cutting, curing and added value of hay due to this added care.

j-h-c 21 minutes $2.00

HE ACTS HIS AGE (McGH)

States that a child's activities are an accurate gauge to his mental development. Traces the development of the child from the year-old baby bent on exploring the whole wide and wonderful world to the fifteen-year-old with problems of approaching adulthood. Shows that the different stages of development are definite, predictable stages that can be anticipated and understood. If we work at understanding how they behave at certain stages, we can give our children the right help at the right time.

c-a 13 minutes $3.00

HE SHALL BE LIKE A TREE (H)

Trees are seen in storm and calm, in winter snows and spring blossoms, in summer shade and autumn harvest. With a background of symphonic music, the blank verse narration comments on the qualities of beauty, peace and constant growth of the tree, suggesting that in many ways man can profit from the tree's example of fortitude and trust in an unseen power.

j-h-c-a 11 minutes $1.85

HEAD OF THE HOUSE (IFB)

How a social worker, a policeman and a minister unite in community action in mental health to help a young boy and his parents in time of serious adolescent troubles.

h-c-a 37 minutes $4.35

HEADLINES OF THE CENTURY (TFC, Restricted to Classroom Use)

Presents a pictorial history from 1897 to 1932, taken from newsreels of the period: Part 1, 1897 to 1905; Part 2, 1905 to 1910; Part 3, 1910 to 1923; Part 4, 1923 to 1928; and Part 5, 1928 to 1932.

j-h-c-a 40 minutes $4.45

HEADSPRINGS IN THE GYM (EB)

Demonstrates the three fundamental parts of the headspring — the angle headspring, the push-up to the handstand, and the landing. Illustrates the use of a box and a mat as a base for the spring, and portrays a running start. Slow motion photography allows unhurried study of action and techniques.

j-h 11 minutes $1.85

HEALTH: YOUR CLEANLINESS (YA)

Film is designed to promote more healthful living by giving a lesson on health habits applying to personal cleanliness.

i 10 minutes $1.85

HEALTH: YOUR CLOTHING (YA)

Dramatizes the suitable clothing to wear for health.

i-j 10 minutes $1.85

HEALTH: YOUR FOOD (YA)

Percival Pate, who wouldn't eat anything but sweets, is visited by Nutrition (a puppet) and is convinced that by eating meat and vegetables he will become stronger and happier.

i-j 10 minutes $1.85

HEALTH: YOUR POSTURE (YA)

A girl who has always been a wall-flower finds that good exercise, work, and sleep will correct her posture and help her overcome her difficulties.

i-j 10 minutes $1.85

HEALTHY LUNGS (C)

By knowing the structure and work of the lungs, it is easier to understand how to care for them . . . to protect them from infection and injury. The film shows the part of the breathing mechanism in contact with the air — the windpipe, larynx, bronchial tubes, small air tubes and the tiny air sacs — and demonstrates how the exchange of waste products for oxygen takes place.

i-j-a 11 minutes $1.50

HEAR BETTER: HEALTHY EARS (C)

Helps youngsters understand that "how they hear" is important to what they hear. In animation sequences, the structure of the ear is detailed and the actual process of receiving air vibrations and transmitting them into "sound" is shown. General information on how to take care of the ears is also shown.

p-i 11 minutes $1.50

HEAR, NOW (AVF, Color)

With the aid of a circus clown the film explains to children the importance of hearing and how the ear functions, as well as good health and safety practices in the care of the ear.

p-i 10 minutes $3.00

HEART AND CIRCULATION (EB)

Deals with the mechanics of the pulmonary and systemic systems. Delineation of the heart action is shown by animation and natural photography. Amplified heart beat sounds and microscopic scenes of capillary action render the picture spectacular. Blood pressure and its relation to health is also vividly portrayed.

j-h-c 11 minutes $1.50

HEART DISEASE: ITS MAJOR CAUSES (EB)

Discusses, by using photographs, X-ray photographs, and animated drawings, what happens when a human being no longer functions normally. Conditions explained are: high blood pressure, hardening of the arteries, and rheumatic fever.

h-c-a 11 minutes $1.85

HEART OF MEXICO (TFC, Restricted to Classroom Use)

Shows life in the towns, beautiful scenery, ancient ruins of former civilizations, mountains, natives in their villages, ceremonial dances, etc.

i-j-h-c 10 minutes $1.85

HEAT AND ITS CONTROL (USBM)

Emphasizes the importance of controlling heat and the many roles heat plays in present-day life, from driving locomotives and turbines to changing the structure of ores and metals. In contrast, the destructive power of unharnessed heat is depicted by the seething lava of the volcano and the desert wastelands. From a historical standpoint, the film pictures the worship of sun and flame in bygone years and the research by James Watt, who perfected the steam engine.

h-c 11 minutes Handling charge, $1.00

HEAT TREATMENT OF STEEL: ELEMENTS OF HARDENING (UW)

How steel is quench hardened; how the structure and hardness of steels with different carbon change at different quenching stages; and iron carbide diagram.

c-a 15 minutes $2.65

HEAT TREATMENT OF STEEL: ELEMENTS OF SURFACE HARDENING (UW)

How steel is pack carburized; how steel is gas carburized, how a thin hard case is obtained from cyaniding; how nitriding is used to obtain a very hard case and how steel is induction hardened.

c-a 14 minutes $2.65

HEAT TREATMENT OF STEEL: ELEMENTS OF TEMPERING, NORMALIZING AND ANNEALING (UW)

How steel is tempered; how the structure toughness and hardness of a plain carbon steel changed at progressive tempering stages; how steel is normalized by furnace heating and subsequent cooling in air; how normalizing breaks.

c-a 22 minutes $2.65

HEATING AND AIR CONDITIONING (VGF)

Views of air conditioning equipment being constructed, installed and serviced show the variety of jobs in this expanding industry. Types of heating equipment are explained, as are some of the tools used to increase the vocational value of the film.

h-c 10 minutes $1.85

HEAVEN WITH A FENCE AROUND IT (S)

How a G.I. dreamed of having a farm and how he almost didn't get one, but through the help of some friendly people he made a successful start.

general 20 minutes $2.65

HEIDI (TFC, Restricted to Classroom Use)

A school version of the 20th Century-Fox feature picture of the same name.

i-j-h 40 minutes $4.45

HEIGHT GAGES AND STANDARD INDICATORS (USOE)

Presents the fundamental principles of the Vernier height gage, together with the various forms of standard indicators, and demonstrates their use. The care necessary to secure accurate measurement and the proper method of using the Vernier height gage are shown. A standard indicator is also shown when used with a gage block to check the depth of a cut.

h-c 11 minutes $1.85

HEIGHTS AND DEPTHS (JH)

Shows the method of making engravings of various kinds, as a commentator explains the action seen on the screen. It begins with the making of reproductions from woodcuts and then proceeds to the method of making zinc etchings of a line drawing. Many of the scenes in the picture are taken in actual press rooms, and in modern newspaper plants.

j-h-c 9 minutes $1.85

HELICOPTER, THE (EB)

Demonstrates the uses of the helicopter: dusting plants, delivering mail, inspecting power lines. Shows various types of this rotary wing aircraft.

j-h-c-a 10 minutes $1.50

HELLO, PIRRO (OF)

Introduces the puppet Pirro, tells of what he is made, and introduces his manipulator, Pat Paterson.

p-i-j 10 minutes $1.50

HELP WANTED (USBM)

Deals with the basic information contained in courses for beginners in first aid, and the techniques of first aid are shown in the first-aid station.

Scenes show typical incidents that may cause bleeding wounds; animated diagrams superimposed over actual photographs are used to illustrate blood circulation, pressure points, and treatment of bleeding. The film depicts treatment of burns, some accidents that may cause unconsciousness, compound fractures, and shock, and demonstrates procedures in artificial respiration and transportation of the injured.

j-h-c 32 minutes Handling charge, $1.00

HELP YOURSELF (ALA, Color)

Shows the various facilities the public library offers and the many services it renders. Special services in the loan of ceiling projectors and books on film and in the bookmobile are also shown.

h-c-a 22 minutes $4.25

HELPING CHILDREN DISCOVER ARITHMETIC (WU)

The discovery method is shown in operation from the start of a process, new to third grade children, to its completion several days later. Teachers may easily translate and apply the principles to their own situation.

c-a 20 minutes $3.00

HELPING IN THE CARE OF YOUNGER CHILDREN (C)

Shows a teen-age girl helping with the care of her younger brother and sister.

i-j-h 10 minutes $1.85

HELPING TEACHERS TO UNDERSTAND CHILDREN: PART 1 (USIA)

The Institute for Child Study at the University of Maryland guides a school in setting up a local child study program.

h-c-a 21 minutes $3.35

HELPING TEACHERS TO UNDERSTAND CHILDREN: PART 2 (USIA)

Description of a summer workshop carried on at the Institute.

h-c-a 25 minutes $3.35

HELPING THE CHILD TO ACCEPT THE DO'S (EB)

Portrays the child learning to live in a world defined by the Do's, and explains how his personality is influenced by the extent to which the Do's are accepted. Illustrates, with life situations, the types of Do's the child must learn to accept: (1) the Do's for personal living, (2) the masculine and feminine Do's, and (3) the Do's for human relations. (For other films in this Personality Development Series, see BABY MEETS HIS PARENTS, and HELPING THE CHILD TO FACE THE DON'TS.) All are combined in film EMERGENCE OF PERSONALITY.

h-c 11 minutes $1.50

HELPING THE CHILD TO FACE THE DON'TS (EB)

Reveals how the young child meets a world of Don'ts and how he reacts by conforming in his own distinctive ways — thus forming his own individual personality. Classifies the Don'ts as (1) those which protect the child from danger, (2) those which restrain him from taking things that belong to others, and (3) those which teach him to respect the rights of others. (For other films in the Personality Development Series, see HELPING THE CHILD TO ACCEPT THE DO'S, and BABY MEETS HIS PARENTS.)

h-c 11 minutes $1.50

HEN HOP (NFBC, Color)

An animated fantasy inspired by a very primitive type of barn dance music. Simple geometric elements build themselves up rhythmically into the shape of a hen.

general 4 minutes $2.00

HENRY MOORE (BIS)

Pictures the sculptor in his country studio; shows many examples of his work, including the bronze statue created especially for the Festival of Britain.

h-c-a 26 minutes $3.70

HENRY WADSWORTH LONGFELLOW (EB)

Portrays salient and representative events in the life of Longfellow — events which made secure his unique place in the world of literature. Describes his early love for poetry and his growing, full life as a teacher, scholar, and poet. Interposes selections from his poems and depicts incidents which inspired him to write several of his best known works.

j-h 20 minutes $2.65

HERE COMES THE BAND (McGH)

The story of the University of Michigan band, including how candidates are picked, its collection of music and instruments, rehearsals, and the production numbers executed on the field at football games.

general 20 minutes $3.00

YELLOWSTONE

Magnificent color photography of some
of America's finest scenic wonders

10 MINUTES RUNNING TIME $3.00 PER WEEK

HERE COMES THE CIRCUS (UW)

The great parade, daring acrobats, thrilling jumps and famous clowns of the Cole Brothers Circus.

p-i-j-h 10 minutes $1.50

HERE IS THE GOLD COAST (BIS)

West Africa is energetically meeting the challenge to catch up with the modern world. In the Gold Coast, modern cities like Accra have progressed rapidly, but the hinterland is still primitive and poor. The British Government has allotted fourteen million dollars for the development and welfare of the colony. Work has already begun on the much needed wells, on scientific farming, on hygiene education, and on improving the general health of the people through adequate medical care and treatment. Education is being stimulated and more African children are attending schools.

general **35 minutes $4.45**

HERE KITTY (COF)

Queenie the cat narrates her life story and tells of the adoption and treatment of her and her kittens by a kindly family.

p-i-j-h 12 minutes $1.50

HEREDITY (EB)

In this film genetics as the fundamental basis of heredity is treated in its broad aspects. Animated drawings explain the process of mitosis and meiosis in relation to the genes. The concept of chance combination of sperms and eggs is illustrated in a simple way. Genotypes and phenotypes are shown in all cases and their relationship is explained. Three kinds of one-unit characters are taken up — heterozygous forms in cattle, coat color of guinea pigs, and rough fur in guinea pigs. The latter two also illustrate dominance. Guinea pigs are used to demonstrate two unit characters. The film depends on animated drawings for its effectiveness.

j-h-c 11 minutes $1.50

HEREDITY AND ENVIRONMENT (C)

A sound understanding of the influences that shape our lives is fostered here by presenting clear, visual examples of heredity and environment at work. Audiences learn the meaning of *heredity,* which gives us certain basic capabilities, and *environment,* which helps determine the extent and direction of our use of those capabilities. An overview of cultural inheritances, genetics, environmental influences and their interrelationships is presented.

j-h-c-a **11 minutes $1.50**

HEREDITY AND PRE-NATAL DEVELOPMENT

See

CHILD DEVELOPMENT: HEREDITY AND PRE-NATAL DEVELOPMENT

HEREDITY IN ANIMALS (UW)

Explains Mendel's laws of heredity and of how inherited characteristics are handed on from generation to generation. Presents examples of inheritance of one or more physical characteristics, complete and incomplete dominance and recombination for new types.

j-h 10 minutes $1.85

HERITAGE (McGH)

Defines the natural rights of man and indicates how these rights can be maintained.

i-j-h-c-a 9 minutes $1.85

HERITAGE OF INDIA (PF)

Sources of India's varied cultures are visualized through visits to important buildings, including the conservatory built in Delhi in the 17th century by Jai Singh, and the famed Taj Mahal.

j-h-c-a 11 minutes $1.85

HERITAGE WE GUARD, THE (NWLA)

This is one of the finest motion pictures ever made as an educational feature on behalf of conservation and the preservation of our wildlife and other natural resources.

i-j-h-c 30 minutes $2.45

HIGH ALTITUDE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

HIGH CALLING (COF)

Relates the call Missionaries Mr. and Mrs. Paul Miller received to serve God, their preparations and actual experience on the trip from the U. S. through China, India, and their final destination of Tibet.

j-h-c-a 39 minutes $4.45

HIGH JUMP (C)

Demonstrates Western roll and Eastern roll, importance of proper approach, take off and body handling, applies some of these techniques to the high hurdles.

j-h-c 11 minutes $1.85

HIGH PLAIN (OIAA)

Is the story of the typical great agricultural estate in the highest farming land in the world: Bolivia. A landlord, whose family has owned his land for three hundred years, is pictured in his control of the labor of five thousand workers who regard him almost as a deity. The film shows the stern life in this little kingdom with its own schools and churches, its limited and hard-won crops.

j-h-c 20 minutes $2.35

HIGH SCHOOL: YOUR CHALLENGE (C)

High school is more than a place where you spend four years of your life. It is a place where you learn to face problems and meet situations that will come to you later. The story is of one boy who almost quit high school, but was talked into keeping on — and is now glad.

j-h 15 minutes $1.50

HIGH SPEED MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

HIGH WALL, THE (McGH)

A careful study of one of the ways in which prejudice starts. A frustrated, insecure boy, whose home life has allowed him no freedom to develop as a normal person, has become conditioned to hate any person or group different from him or his group. This feeling helps relieve his feeling of insecurity. No easy solution is offered to the problem; the way is open for an intelligent discussion of the way in which home attitudes build tension and discrimination.

general 30 minutes $3.70

HIGHLAND HOLIDAY (NFBC, Color)

Through the National Park area of Cape Breton Island winds 70 miles of the famous Cabot Trail Camping and picnic grounds along the way ask the holiday-maker to linger in a land of wooded lanes, clear streams, and coastal fishing villages to charm the artist. Atlantic salmon and speckled trout make excitement for the fisherman and, for truly dramatic sport, there is sword-fishing and tuna-fishing.

general 10 minutes Handling charge, $1.00

HIGHLANDS OF THE ANDES — PERU (UW)

This film lesson is based on the geographic principle that the highest settlements in mountain regions are usually associated with mining, but where groups of people living at high altitudes depend only upon agriculture, they lead a barren and difficult life. We see the difference in the kind of life led by the Peruvian Indian doing his best to eke out a bare subsistence from meager crops and few domestic animals, and the Indians who work in the operations of the mines. This film takes us right into the copper mines at Cerro de Pasco, virtually at the top of the world.

i-j-h 22 minutes $2.65

HIGHLIGHTS AND SHADOWS (E)

An exceptional film showing the manufacture of cameras, film, and related processes in the different Eastman Kodak plants.

j-h-c 50 minutes $3.00

HIGHLIGHTS OF THE UNITED NATIONS 1947-48 (FPS)

Brings the reality of the everyday achievements of the UN to light — the unspectacular cooperative work amongst nations that goes on in the areas of health, relief, food and agriculture, and the care of children and displaced persons, as well as the slow cementing of economic and political unity.

general 10 minutes $1.85

HIGHLIGHTS OF THE UNITED NATIONS — 1950 (FPS)

Shows the construction of the UN Building in New York. Pictures the delegate from the USSR walking out, the beginning of the Korean War, and peace moves.

general 10 minutes $2.00

HIGHWAY MANIA (RKO)

Points out many of the problems of traffic control, the lack of uniform laws in the various states, the qualification for the driving of incompetent people, the licensing of teen-agers who have not achieved the sense of responsibility or the maturity necessary for safe driving, and the different forms of licensing drivers.

j-h 17 minutes $2.65

HIGHWAY OF FRIENDSHIP
(TFC, Restricted to Classroom Use)

A newsreel cameraman takes the 9200 mile trip along the Inter-American Highway from Laredo, Texas, to the Argentine. The scenic shots are excellent and the commentary describes fully the origin of the plan to build the road, the cooperative method of construction, and the significance of the project in relation to inter-American solidarity.

j-h-c 10 minutes $1.85

HIGHWAYS NORTH (NFBC)

A comprehensive picture of wartime development in Alaska and the Canadian Northwest, showing how the vast problems of communication and transport were solved. A chain of flying fields has been established from Edmonton to the Yukon; helping to drive a great spearhead of civilization through territory which only yesterday was still unknown.

i-j-h-c-a 15 minutes $2.65

HILL CAPITAL, THE (CID)

First motion picture record of the interior of the Sabre Tooth Relic, a Buddhist shrine of Kandy, Ceylon. Shows brief glimpses of Ceylon, Ceylon University, primitive farming and industrial methods, native dances, religious ceremonies and the beautiful pageant of Para Hara.

h-c-a 25 minutes $3.70

HILL TOWNS OF GUATEMALA, THE
(OIAA, B&W or Color)

The fascinating life of several small towns perched on the slopes of an extinct volcanic mount are vividly portrayed.

i-j-h-c 11 minutes B&W $1.85, Color $2.70

HINDU FAMILY (EB)

A story centering around the marriage of a young girl living in the province of Gujaret, India. Dramatically illustrates important aspects of Hindu life including school, home, clothing, and preparation of a meal. Depicts the village goldsmith, potter, and weaver at their work, and emphasizes the role of religious ceremony in the daily lives of the people.

i-j-h 11 minutes $1.50

HISTORIC NEW ENGLAND (EB, Color)

Scenes of historic landmarks in the six New England states, as well as views of the industries which exist there today.

j-h 21 minutes $4.25

HISTORIC ST. PAUL'S (BIS)

This is a picture of St. Paul's Cathedral, past and present: St. Paul's rebuilt by Sir Christopher Wren after the Great Fire of London, and St. Paul's the shrine of a nation's heroes — Nelson, Wellington, Roberts, Kitchener, Jellicoe, and Beatty. The film shows recent historic occasions and the great dome riding high above the blitz of 1940.

general 14 minutes $3.00

HISTORIC SWITZERLAND-RHONE VALLEY (NA)

Switzerland, in the heart of Europe, has been a democracy for over 650 years. Because the Rhone River Valley has been the setting for so much of Switzerland's rich history, her struggle for independence, and her tales of heroism, this film on the Rhone valley reveals much of the country's ancient and modern history, its scenery, traditions, work of the people, architecture, and great men.

j-h-ca 22 minutes $3.00

HISTORIC VIRGINIA
(TFC, Restricted to Classroom Use)

Introduces Wakefield, where George Washington was born, his Mount Vernon home, and the home of Thomas Jefferson at Monticello. Shows the reconstruction of Williamsburg; the Palace of the Royal Governors, with its garden; the Raleigh Tavern; the battlefield of Yorktown; and many other historic and interesting scenes.

i-j-h-c-a 10 minutes $1.85

HISTORY BROUGHT TO LIFE (P)

Shows the work done by Hollywood research experts in bringing accuracy of mood and detail to motion picture versions of historical periods. Top stars appear in this film narrated by Cecil B. DeMille.

j-h-c-a 11 minutes $1.85

HISTORY IN YOUR COMMUNITY (C)

History is all about us. This is what a number of eighth grade students discover when they begin to look, read and ask about the history of their community. An old elm tree, an abandoned well, and early tombstone inscriptions assume historical significance as the students learn that their community's history is part of the history of our country. Their method of historical exploration can be adopted by any group.

i-j 14 minutes $1.85

HISTORY OF AVIATION (WDP, Color)

The moving story of our pioneer bird men . . . from the fumbling experiments at Kitty Hawk to the dawn of the efficient modern airplane. Full animation reveals the vital role of aviation in war and peace.

Available to Illinois users only.

i-j-h 18 minutes $6.00

HISTORY OF PHOTOGRAPHY (BEF)

Presents a documentary of important contributions in photography.

i-h 15 minutes $3.00

HISTORY OF THE HELICOPTER (CAA)

Traces briefly but adequately the historical development of the helicopter beginning with Leonardo da Vinci's plan for such a craft. By means of slow motion photography, it demonstrates the helicopter's principle of operation. Some of the most recent promising domestic and foreign helicopter designs are portrayed as well as an excellent overview of the commercial and military uses to which the helicopter is being put.

i-j-h-c-a 25 minutes Handling charge, $1.00

HISTORY OF THE HORSE IN NORTH AMERICA (CU, Color)

The advancement of the horse in 50 million years is demonstrated by the change in size and shape of the skull and foot. The immediate ancestry of the modern horse is presented and shots of the many types follow.

j-h-a 20 minutes $3.85

HISTORY OF WRITING (EB) (Originally produced for the British Ministry of Education)

Presents a chronological history of writing as a means of communication. Shows ways in which writing evolved from pictures and signs and illustrates that local materials used as writing tools influenced the methods of sign making and writing. Explains that symbols for objects and ideas became symbols for sounds. Depicts and analyzes significant features of early Chinese, Mesapotamian, and Egyptian writings. Stresses contributions of Phoenicians, Greeks, and Romans to our present alphabet. Short version also available: WRITING THROUGH THE AGES.

j-h-c-a 28 minutes $3.25

HIT AND RUN DRIVER (TFC)

This is a Metro-Goldwyn-Mayer production. The film shows methods of tracking down hit and run drivers.

j-h-c 20 minutes $3.00

HITS OF THE NINETIES (UW)

The Rhythm Masters sing as words appear on the screen. Songs are "Somebody Loves Me," "I'll Take You Home Again, Kathleen," "After the Ball Is Over," "When You Were Sweet Sixteen," and "Ta ra ra Boom Daré."

general 10 minutes $1.50

HITTING IN BASEBALL (EB)

Employs the best of film production techniques to provide a valuable learning experience in hitting for students of baseball. Professional players demonstrate every essential detail of effective batting, and the film utilizes many of its own unique devices to make these details remarkably clear. Slow-motion, stop-motion, and close-up photography add to the effectiveness of the film, and superimposed drawings help in clarifying otherwise difficult techniques.

j-h-c 11 minutes $1.50

HOG CHOLERA CONTROL — THE STORY OF ROVAC (LED, Color)

Describes hog cholera control with the use of Rovac (rabbit origin — vacuum dried), a modified live virus vaccine.

h-c-a 23 minutes $4.25

HOG SENSE (UPRR, Color)

How to raise profit producing hogs from sanitary, sound procedures. Proper feed surroundings, housing and breeding methods are illustrated. Minute attention is given to the watering, drainage and other less well known aspects of hog raising. Selection and breeding is stressed.

j-h-c-a 30 minutes $1.00

HOLIDAY AT WASKESIU (NFBC, Color)

Two girls on vacation discover the attractions of Waskesiu in Prince Albert National Park, Saskatchewan, where delightful scenery and fine sports facilities combine to offer a memorable holiday in the sun. During the long bright days they swim, fish and canoe, while theatricals in the community hall and other special entertainments lend variety to the summer evenings.

general 11 minutes Handling charge, $1.00

HOLIDAY FOR DANNY (McGH)

City boy visits a farm for the first time and he finds a wonderland of nature.

p-i-j 16 minutes $2.85

HOLIDAY IN MANITOBA (NFBC, Color)

A summer vacation at Riding Mountain National Park in Manitoba means a happy outing for the whole family, since facilities for all sorts of sports are provided here in a setting of great natural beauty. Following a car full of visitors through the Park gates, the film shows us the neat lodges and camps where they can settle down in comfort for a holiday filled with swimming, boating, fishing and other pleasures. A glimpse of the Park's birds and bison suggests the wildlife that flourishes here, while pictures of Clear Lake and of shady bridle paths offer a sample of the delightful scenery.

general 11 minutes Handling charge, $1.00

HOLIDAY ISLAND (NFBC, Color)

Beausoleil Island, largest in the Georgian Bay island group, makes a happy holiday land for children from Canada and the United States. Summer camps are carried on by various youth and welfare organizations. The youth campers, as the film shows, find fun in many activities — swimming, games, learning some of the interesting secrets of woodcraft and going on healthful hikes.

general 10 minutes Handling charge, $1.00

HOLIDAY LAND (OF)

A cartoon of holiday cheer as Scrappy finds himself in a world of holidays. Pictures Christmas, Easter, New Years' Day and many other days of gladness.

p-i-j-h-c-a 10 minutes $2.50 (one day only)

HOLLAND (IFI, Color)

Takes a trip through modern Holland with its industries and economical development. Visits Amsterdam's diamond cutting industry, a cheese market, and The Hague.

j-h-c-a 10 minutes $2.70

HOLLAND AND THE ZUIDER ZEE (TFC, Restricted to Classroom Use)

Life in Amsterdam and adjacent areas.

general 10 minutes $1.85

HOLLYWOOD MATADOR (UW)

Woody Woodpecker fights a bull.

p-i-j 10 minutes $1.00

HOLMES, EMERSON, AND THOREAU (MORT, Color)

Historical landmarks in New England connected with the lives of these three authors. The birthplace and later home of each author is shown, as well as his grave. Photographed in Boston and Concord, Massachusetts.

h-c-a 11 minutes $3.25

HOLY LAND, THE: BACKGROUND FOR HISTORY AND RELIGION (C, B&W or Color)

Presents vividly scenes where historical events took place. Jerusalem, Nazareth, the Lake of Galilee, the river of Jordan, Jericho and Mount Nebo are shown in reference to many well-known Biblical references.

j-h 11 minutes B&W $2.00, Color $3.50

HOLY NIGHT (MSP)

Shows a completely new approach to a film story on the nativity. It begins when Hezekiah was king of Jerusalem and Isaiah was a prophet.

i-j-h-c-a 30 minutes $8.00 (one day only in December)

HOLY SACRIFICE OF THE MASS (UW)

The ceremonies of the Roman Catholic Mass.

h-a 20 minutes $3.00

HOLY YEAR OF 1950 (UW)

Presents scenes of the Coronation of Pope Pius XII, the opening of the Holy Door in 1950 and the celebration of the first vespers of the Church year, including spectacular processions and colorful ritual and symbolism.

j-h-a 10 minutes $1.85

HOME, THE (UW)

The family awakens, they breakfast, untether the animals and set out for work, household tasks are carried out — the mother sits sewing and talking with the neighbors until it is time to prepare the evening meal. Animated maps show the land of Palestine and its position in the Roman Empire.

i-j-h-c-a 19 minutes $3.00

HOME AND FAMILY (PRP)

Covers the activities of three typical families: a poor, a middle class, and a wealthy family; compares the problems and responsibilities of each family group.

i-j 11 minutes $1.85

HOME COOKERY OF FISH (EB)

Pictures boiling, broiling and baking of fish in fillets, steaks and whole fish. Also included are uses of sauces and garnishes.

j-h-c 10 minutes $1.85

HOME ELECTRICAL APPLIANCES (EB)

Scientific principles involved in the operation of common home electrical appliances are studied. The circuit of wiring from the main switch to the meter, the fuse box, and the service outlet is shown. The electric iron is used as representing one of the most common electrical appliances, and sequences showing the principles of electricity used in lamps and motors are also included.

j-h-c 11 minutes $1.50

HOME HOMICIDE (CU)

A two part discussion film about the prevention of home accidents.

h-c-a 7 minutes $1.85

HOME LIFE IN SZECHWAN PROVINCE — CHINA (UW)

The Szechwan Basin of China is seen to be a densely populated country, where farm land is scarce and an intensive subsistence type of agriculture is the characteristic means of livelihood. The people engage in back-breaking labor to achieve only a marginal existence. Every bit of available land is used for farming. Rice is a dominant crop for it provides more food value per acre than any other type of grain. The food is grown for consumption at home. A few items are grown for trade to purchase or barter for things that cannot be grown or produced on the small farm belonging to each family.

i-j-h 22 minutes $2.65

HOME MANAGEMENT: BUYING FOOD (YA)

Explains the basic elements of good "buymanship." Discusses the important factors of quantity buying, understanding the descriptive labels on canned goods, seasonal buying, and the guiding factors in buying meats.

h-c-a 11 minutes $1.50

HOME MANAGEMENT: WHY BUDGET (YA)

Discusses the importance of the budget to individuals and families of all income levels. Explains what the budget is, how it is set up in relation to needs and income, and what is to be gained by following a well-planned budget.

h-c-a 11 minutes $1.50

HOME NURSING (EB)

Factors involved in the hygienic care of a home patient after instruction from a visiting nurse are outlined. Demonstration of bathing and moving the patient in bed; arranging the bed; and generally making the patient comfortable are shown. Taking of temperature, pulse and respiration rates, and their recording, medications; visits by the doctor and helping the patient gradually to regain strength conclude the presentation.

j-h-c 11 minutes $1.50

HOME NURSING: FUNDAMENTALS (C)

Shows such nursing techniques as arranging the sick room, making the bed, morning care of the patient, giving medicine according to doctor's instructions, serving meals, and suggestions on convalescent care.

h-c-a 15 minutes $2.65

HOME OF THE FRENCH CANADIANS — ST. LAWRENCE RIVER LOWLANDS (UW)

Where the climate makes it possible, low fertile land along rivers makes good farm land. When settled by people with a common language, religion, and other ethnic ties, river lowlands tend to maintain their cultural homogeneity for long periods of time. In Papa Paradis and his family, who live in the village of St. Pierre, and are the central characters in this film story, the picture demonstrates how these principles operate in French Canada. The lower St. Lawrence River is wide and navigable, with fertile land on both sides. Farm life in this valley reflects the influence of French culture. The cool, moist climate is good for dairying. Nearby cities such as Quebec and Montreal help to make this type of occupation profitable.

i-j-h 22 minutes $2.65

HOME SAFE HOME (NSC)

How many little things can cause accidents in typical American homes. Every member of the family can help avert tragedy.

general 11 minutes $1.85

HOMELESS (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

HOMESPUN (IFI, Color)

Tells the story of a 70-year-old Swedish woman who, after her children grew up, turned to weaving and spinning that she had learned as a child in Sweden.

i-j-h-c-a 20 minutes $4.25

HOMEWORK: STUDYING ON YOUR OWN (C)

Illustrates certain necessary homework skills — finding a place and time to study, scheduling and arranging projects according to materials needed for study, and developing the habits of studying "on your own."

j-h-c 10 minutes $1.50

HONDURAS — YUCATAN (PFI, Color)

Gives the background of all central American Indians; the Mayan culture and science; shows modern Honduran education, and tells something of the raising of bananas and hennequin.

h-c-a 12 minutes $3.00

HONEST TRUTH (McGH)

Asks the question of whether an honest judgment is better than tactful evasion of criticism in situations where one's feeling may be hurt. A high school editor of school paper defends his right to print an objective review of a popular but untalented student's performance in a high school play. Audience is invited to discuss the issue.

j-h 5 minutes $1.85

HONEST WOODSMAN, THE (C)

Specially created puppets for motion pictures are employed in this unusual version of the well-known fable of an honest woodsman and his meeting with the god of good fortune, Mercury. Educational as well as entertaining, this film is suitable for groups of all ages. Other fantasies in this series are: Legend of the Pied Piper, Cow and the Sprite, King Midas and the Golden Touch, Rumpelstiltskin.

general 11 minutes $1.50

HONEYBEE (EB)

Unusual photographic effects describe the development of the honeybee with due emphasis on the roles of the workers, the queen, and the drones. Egg, larvae, and cocoon stages in the lives of the workers are shown in detail. The metamorphosis of the queen, including a fight to the death with a rival queen, is dramatically revealed. Swarming, the building of a new comb, and honey making follow in natural sequence.

j-h-c 11 minutes $1.50

HONEYBEE, THE (C, Color)

Stresses the highly developed social structure of the hive, the bees life cycle and value to man.

i 6 minutes $2.00

HONEYLAND (COR)

The bee world is up in arms when the big bad spider kidnaps their queen.

p 10 minutes $1.85

HONEYMAKERS, THE (UM)

Presents the honeybee's life cycle, from the queen laying the egg until the adult worker, drone, or queen emerges; and depicts all of the activities of the hives from the gathering of honey and nectar to swarming.

i-j-h 20 minutes $3.00

HOODOO (McGH)

Illustrates the superstitions which many Americans hold and still fear: Black cats, Friday the 13th, walking under ladders, the ace of spades — as well as the good luck charms used.

h-c-a 16 minutes $2.65

HOOKWORM (IIAA, Color)

Shows how a family was reduced to weakness and poverty by hookworms and how they rid themselves of their sickness. Points out that the prevention of hookworm depends upon the sanitary disposal of excreta throughout the community.

h-c-a 11 minutes $3.00

HOOVER DAM (UW)

The building of Hoover Dam on the Colorado River — an engineering achievement resulting in irrigation water for the farmers, electrical power for industry, and better living for all the people of the Southwest. A lesson in conservation of natural resources and in democratic cooperation.

h-c-a 33 minutes $3.70

HOPE OF TOMORROW, THE (FMC, Color)

Gives a pictorial report of the 23rd National 4-H Convention in Washington, D. C.

h-c-a 10 minutes $1.00

HOPI ARTS AND CRAFTS (C, Color)

Scenes in color illustrate textile and basket weaving, turquoise cutting and polishing and one sequence shows in detail Hopi pottery making operations.

i-j-h 10 minutes $2.70

HOPI INDIAN (C, Color)

Unusual scenes of a tribal wedding ceremony, household activity of the women and outdoor activity of the men.

i-j-h 10 minutes $2.70

HOPPY, THE BUNNY (C, B&W or Color)

This is a delightful story of a bunny who lives in the woods. It is told within the framework of a primary classroom situation and leads to follow-up study activities. The story concerns the bunny's travels one beautiful morning as he meets his friends, the racoon and owl, then hops out of the woods and for the first time sees life on a farm. He meets chickens, pigs and tame white rabbits, and after being chased by a dog, returns home safe and sound.

p-i 11 minutes B&W $1.50, Color $2.70

HORACE MANN (EB)

Episodes in the life of the "father of the common schools." Reviews his activities as teacher, lawyer, state senator, board of education member, and college president. Emphasizes his great work in pointing up the need for well-built schools, good textbooks, democratic methods of learning, schools for teachers, and universal education in the United States.

j-h-a 22 minutes $2.65

HORSE AND ITS RELATIVES (C)

After seeing a saddle horse and draft horse, we visit a pony, burro, zebra and tapir.

p-i 10 minutes $1.85

HORSE RACING, RIDING AND RODEO SPORTS: ARCARO UP (RKO)

Behind the scenes view of the life of the famous jockey, Eddie Arcaro.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING AND RODEO SPORTS: BOOT AND SPUR (RKO)

Cavalry training at the Army Remount Station at Fort Robinson, Nebraska.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING, AND RODEO SPORTS: CABALLERIO COLLEGE (RKO)

A Chilean Cavalry School from which come the most brilliant horsemen in the world.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING AND RODEO SPORTS: CINDERELLA CHAMPION (RKO)

The racing history of the famous "Alsab."

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING, AND RODEO SPORTS: GAUCHO SPORTS (RKO)

Traditional Gaucho pastimes including the Boleador, calf roping, and bareback riding.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING, AND RODEO SPORTS: HARNESS RACERS (RKO)

Trotting and pacing champions at the famous racing tracks.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING, AND RODEO SPORTS: HURDLE HOPPERS (RKO)

Hurdle jumpings at the Army Cavalry School at Fort Riley, Kansas.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING, AND RODEO SPORTS: JOCKEY'S DAY (RKO)

Famous jockey, Wendell Eads and a day with his activities.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING, AND RODEO SPORTS: KENTUCKY'S ROYALTY (RKO)

The breeding grounds for the royalty of the horse world.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING, AND RODEO SPORTS: PAMPAS PADDOCKS (RKO)

Horse racing in Chile and Argentina.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING, AND RODEO SPORTS: QUARTER HORSES (RKO)

Horse racing with the cowboys.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING, AND RODEO SPORTS: RACING ROYALTY (RKO)

Horse racing during war years.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING, AND RODEO SPORTS: RACING SLEUTH (RKO)

How the Racing Protection Bureau works.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING, AND RODEO SPORTS: READING AND RIDING (RKO)

The southern Arizona School for Boys where reading and riding are combined.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING, AND RODEO SPORTS: SADDLE STARLETS (RKO)

Junior riders at the Devon, Pennsylvania Horseshow.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING, AND RODEO SPORTS: STEEDS AND STEERS (RKO)

Rodeo ring, trick roping, bronco-busting, bull-dogging and calf-roping.

j-h-c-a 15 minutes $2.65

HORSE RACING, RIDING, AND RODEO SPORTS: STEEPLECHASER (RKO)

Training of jumping horses.

j-h-c-a 15 minutes $2.65

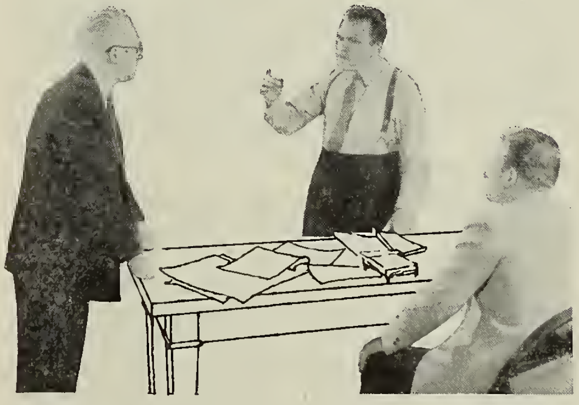
HORSE RACING, RIDING, AND RODEO SPORTS: TENDERFOOT TRAIL (RKO)

Sports on a Dude Ranch.

j-h-c-a 15 minutes $2.65

Films on Government

POLITICAL PARTIES
PRESSURE GROUPS
CENTRALIZATION AND DECENTRALIZATION
IT TAKES EVERYBODY TO BUILD THIS LAND
PARLIAMENTARY PROCEDURES IN ACTION
PATTERN FOR PEACE: CHARTER OF THE U.N.
PRICE OF FREEDOM
STATE LEGISLATURE



HORSE RAISING (F, Color)

This color film is a good illustration of man's greatest work-partner, the horse. The points of a fine horse are brought out, the importance of proper treatment is stressed, and the importance of correct bits, bridles, and harness is shown.

i-j-h-c 11 minutes $3.00

HORSEMEN OF THE PAMPAS—ARGENTINA (UW)

Except for the soft, musical Spanish language you hear among the gauchos or perhaps the sight of their strange baggy trousers, you have the impression that you are on a great Texas ranch. Throughout these scenes of people of the Pampas there is an ever-mounting impression of the vastness of this level, stoneless and nearly treeless plain. This high, grass-covered plateau is especially suited to grazing operations. There is an inescapable picture of the Great Plain's influence upon its people and its impact upon an entire nation.

j-h-c 20 minutes $2.65

HORSEPOWER (JH)

In this picture we learn what is meant by the term horsepower, how it originated, and how it applies to the automobile.

We go back to the days of James Watt in 1769 when he conducted a series of experiments to show just how much weight a horse could be expected to lift in a given length of time. The horsepower unit was used by Watt to determine the amount of work that could be expected from his steam pump in comparison with horse operated pumps. Today the efficiency of all machinery is measured by these units.

Feature by feature, part by part, cylinder by cylinder, the film shows how the horsepower of automobile engines has been increased.

j-h-c 8 minutes $1.85

HORSESHOE PITCHING: BARNYARD GOLF (RKO)

Horseshoe pitching demonstrated by both men and women champions.

j-h-c-a 15 minutes $2.65

HORSESHOES (TFC, Restricted to Classroom Use)

World-champion Ted Allen demonstrates the art and technique of horseshoe-pitching.

j-h-a 10 minutes $1.85

HOSPITAL SCHOOL (BIS)

Depicts the care and treatment given at Treloar Hospital, the largest among hospitals of its kind in the British Isles devoted to the cure of crippled children. Before leaving the hospital, many are taught a trade or vocation.

h-c-a 11 minutes $1.85

HOT-HEAD, THE (JH)

This picture deals, in the main, with problems of efficient fuel combustion in the automobile. Actual laboratory tests show the results of complete and incomplete burning of carbon. And we are shown how engine design influences the combustion efficiency. The film shows that, in the automobile, efficient burning of gasoline is produced by "breaking" the liquid into tiny drops completely surrounded by air.

The four stroke cycle principle of the internal combustion engine is explained. Explained also is the valve-in-head engine design which is shown to be one way of producing greater combustion efficiency and reducing power waste.

Animated drawings and cutaway pictures show how the fuel mixture flows into the combustion, how the removal of gases is effected, and how fuel mixture can be controlled.

j-h-c 10 minutes $1.50

HOT ICE (SF)

Shows the growing-up of a sport—ice hockey. The development of hockey, from "shinny" on the school pond to the excitement at the Garden, as Toronto and the Rangers clash in the "fastest game on earth."

j-h-c 11 minutes $1.85

HOUSE I LIVE IN, THE (YA)

Frank Sinatra stars in a dramatic appeal for tolerance. In this Academy Award winner, Sinatra impresses a group of boys with the real meaning of democracy for all.

j-h 10 minutes $1.50

HOUSE OF MERCY (McGH)

When a father learns that his boy has been injured playing ball, he visits the hospital for the first time, and when he learns his son is to receive expert attention and will be up soon, he tours the various departments and learns how scientifically and efficiently the staff works.

h-c-a 15 minutes $3.00

HOUSE OF ROTHSCHILD, THE (TFC, Restricted to Classroom Use)

This excerpted version of the feature film tells the story of the part played by the famous banking house in financing the campaigns of the Allied Powers against Napoleon and highlights the importance of finance in warfare. It also provides dramatic visualization of the injustice of social discrimination.

j-h-c 34 minutes $3.70

HOUSE OF SEVEN GABLES, THE (TFC, Restricted to Classroom Use)

A school abridged version of the feature-length dramatization of Nathaniel Hawthorne's book.

h-c 40 minutes $5.00

HOUSEFLY (EB)

Shows the four stages of the fly's life cycle and the fly's activities as a carrier of disease germs. Illustrates effective means for eliminating the fly menace with particular emphasis upon community action.

j-h-c-a 11 minutes $1.50

HOUSING IN CHILE (OIAA)

In showing how one country is solving its housing problem, the movement of one particular family from a substandard tenement district to a modern low-cost housing unit is followed. The film treats all substandard units which are being displaced and the modern facilities which are replacing them.

h-c 20 minutes Handling charge, $2.00

HOW A BILL BECOMES A LAW (PF)

A step-by-step visualization of the parts played by the ordinary citizen, his legislators and the Chief Executive in the making of our laws.

j-h-a 22 minutes $3.00

HOW A FISHING PEOPLE LIVE (KB)

The story of a primitive people who depend almost entirely on the sea for a livelihood and the tragedy which befalls when the fish catch fails are shown. This is a story of North Pacific waters.

i-j-h 11 minutes $1.85

HOW A HUNTING PEOPLE LIVE (KB)

Life among the Mongol people who live in the Tiagas of Siberia is portrayed. The main features of the economy of a people who live off the animals of the forest are depicted.

i-j-h 11 minutes $1.85

HOW AN AIRPLANE FLIES: PART I — LIFT (CAA)

Explains that the action of air passing over a wing section is an extension of the principle of the Venturi tube. It shows how the changes in air pressure upon the upper and lower surfaces of the wing create the upward force which keeps the airplane in the air. It also demonstrates the relation of the angle of the wing to the amount of lift obtained.

h-c-a 12 minutes Handling charge, $1.00

HOW AN AIRPLANE FLIES: PART II — DRAG (CAA)

Deals with the resistance of the air to the forward movement of the airplane and shows that streamlining and a small frontal area will minimize "parasite drag" and that a long narrow wing will cut down "induced drag." "Skin friction" is also effectively demonstrated.

h-c-a 14 minutes Handling charge, $1.00

HOW AN AIRPLANE FLIES: PART III — THRUST (CAA)

Illustrates the reaction principle from which this force is derived and shows how it is applied to the airplane.

h-c-a 5 minutes Handling charge, $1.00

HOW AN AIRPLANE FLIES: PART IV — FORCES IN BALANCE (CAA)

Deals with the relationship between the forces of Lift, Drag, Thrust, and Weight which act on an airplane in flight. Shows how balanced forces acting in the right places are necessary in order to fly at constant speed, straight and level, and how it is applied to the airplane.

h-c-a 8 minutes Handling charge, $1.00

HOW AN AIRPLANE FLIES: PART V — STABILITY (CAA)

An airplane in flight can be unstable, neutrally stable or stable. An airplane should tend to return to normal flight if it is pitched, rolled or yawed. How complete stability can be achieved is shown.

h-c-a 10 minutes Handling charge, $1.00

HOW AN AIRPLANE FLIES: PART VI — CONTROLS (CAA)

Shows how we can use controls to modify straight and level flying and go where we want. It explains how an airplane is pitched up or down by using the elevators. It then shows how rolling and banking are achieved by ailerons, and how the use of the rudder in combination with the other controls makes efficient turning possible.

h-c-a 9 minutes Handling charge, $1.00

HOW ANIMAL LIFE BEGINS (UW)

Short version of IN THE BEGINNING, portrays the ovulation, fertilization and early development of the mammalian egg.

h-c 11 minutes $1.85

HOW ANIMALS DEFEND THEMSELVES (YA)

Deals with the way in which animals have become adapted for protection against other animals and Nature. Examples of protection or defense mechanisms are shown — speed and agility, tough shells and hides, sharp claws and beaks, camouflage and mimicry.

i-j-h 11 minutes $1.85

HOW ANIMALS EAT (YA)

Explains the concept of how animals have become adapted for food-getting in order to survive. Deals with such special food-getting adaptations as teeth, claws, beaks, poison mechanism, webs, and others.

p-i-j 11 minutes $1.85

HOW ANIMALS HELP US (Observing Things About Us) (C)

Illustrates the usefulness of animals to man — as providers of clothing, food, companionship, protection, transportation, and as help in working.

p-i 10 minutes $1.50

HOW ANIMALS MOVE (YA)

Deals with the way in which animals are adapted for moving about in order to get food and to survive. It points out the various ways in which animals have become adapted to move about and solve the problems of their environment.

p-i-j 11 minutes $1.85

HOW BILLY KEEPS CLEAN (C)

Billy discovers the skills involved in, and the relationship of, cleanliness to proper health habits. Intended to show boys and girls how to keep themselves clean and to motivate interest in keeping clean by explaining why cleanliness is important to good living.

p 10 minutes $1.50

HOW DO YOU DO (YA)

Points out how we have more enjoyment out of life by being sure of ourselves in social situations, and demonstrates the rules to be observed in one such situation — introducing and meeting people.

j-h 15 minutes $3.00

HOW DO YOU KNOW IT'S LOVE? (C)

The purpose of this picture is to give young people a basis for thinking clearly about "being in love." It is clearly shown that the mere feeling of attraction is not enough for a happy marriage. Further, the film explains that there are certain factors that can help you judge whether or not your love is mature. It shows how love grows through normal, typical stages. It lays the basis for understanding, discussion, insight, and judgment of this problem which affects all young people.

h-c-a 15 minutes $2.25

HOW DO YOU ZOO (SF)

Pictures of animals in the St. Louis Zoo — bears, monkeys, elephants and many others.

p-i-j-h-c-a 10 minutes $1.85

HOW EFFECTIVE IS YOUR READING? (C)

Though students vary widely in reading skills, this film will help each improve his reading habits, for faster reading and for better comprehension. Skimming for overview; fast reading for general understanding; slow, careful reading for precise information, and other important techniques are presented to help the student in various reading situations with different types of materials.

j-h-a 11 minutes $1.50

HOW FRIENDLY ARE YOU? (C)

The manners by which young people cultivate friends are often obscured by the artificial bonds of belonging to a clique or school "crowd." This motion picture sets out to present some of the values of being friendly and encourages the broadening of one's range of friends. Friendliness is shown to be a *two-way* proposition involving generosity, consideration and a sincere interest in other people.

i-j 11 minutes $1.50

HOW GREAT A FLAME (UW)

A young Canadian soldier who has been preparing for the ministry goes to Westminster Chapel, where he talks with Dr. Sangster on the work being done in England by the Methodist Church. He goes on a pilgrimage and, at the New Room, Bristol, is brought into vivid contact with the spirit of John Wesley, who seems to live again in these famous surroundings. As a result, his consecration to the cause of Christ becomes more vivid and vital.

h-c-a 10 minutes $1.85

HOW GREEN WAS MY VALLEY (TFC, Restricted to Classroom Use)

An excerpted version of the feature film based on Richard Llewellyn's novel. It is the story of the boy Huw, remembering Wales when it was green and not overrun with mines. A presentation of the vast sociological problems of our industrial era.

h-c-a 33 minutes $4.50

HOW HONEST ARE YOU? (C)

Students usually understand that honesty is a good thing; they don't have much trouble with simple honesty. But in some situations, honesty is a much deeper problem and it is this type of situation that is analyzed in this film. From it, audiences are able to draw certain conclusions about what honesty is and how a person may apply the test of honesty to his thoughts and actions.

i-j-h-a 15 minutes $2.25

HOW MACHINES AND TOOLS HELP US (C, B&W or Color)

Men have devised many ways of making work easier. Gives a basic illustration of this concept in terms of three generalizations; we use our muscles efficiently, harness natural forces and build engines.

i-j-h 10 minutes B&W $1.50, Color $2.70

HOW MAN MADE DAY (C, Color)

The use of kindle-lights, teapot lamps, candle making and some problems of city lighting are presented. The effect of the development of the Argand lamp and gas burner is pictured and the film ends with fluorescent artificial lighting.

j-h-c 10 minutes $2.70

HOW MANY STARS (EF)

The study of space and material universe is approached through the age-old question, how many stars are there?

j-h-c 11 minutes $1.85

HOW NATURE PROTECTS ANIMALS (EB)

Presents and describes various ways by which animals are provided with devices to conceal themselves, either for the purpose of protection, or as a means of securing food. Examples are given of natural protection through fleetness of foot, mimicry, protective coloration, armor and secluded homes. Included are: rabbit, raccoon, giraffe, tiger, lion, zebra, goat, pheasant, looper caterpillar and the beehawk moth.

i-j-h 11 minutes $1.50

HOW NOT TO CONDUCT A MEETING (GM)

Colonel Stoopnagel burlesques the common errors and omissions frequently encountered in luncheon meetings, including poor acoustics, poor ventilation, interruptions, and inadequate planning.

h-c-a 10 minutes $1.85

HOW OUR BODIES FIGHT DISEASE (EB)

An imaginative demonstration of our bodies ability to prevent and to fight disease, live photography and animation show the three lines of defense, the skin, the mucous membranes, the lymph system, and the blood. Immunization is explained in simple terms.

i 8 minutes $1.50

HOW OUR COUNTRY GREW (PRP)

Presents the contributing factors that have caused the growth and development of cities in the United States including: the improvement of farming techniques; the development of power-operated machines; improved and faster means of transportation; the part medical science and hygiene has played; and the improved services by the cities themselves.

i-j-a 10 minutes $1.85

HOW PATROLS OPERATE (AAA)

Sets forth in detail what safety patrol members need to know and specifically how to do each part of the job.

h-c-a 20 minutes $3.00

HOW PLANTS HELP US (Observing Things About Us) (C)

As he bicycles to his uncle's farm, Steve observes the plants around him and discovers that plants are helpful in many ways.

p-i 11 minutes $1.50

HOW QUIET HELPS AT SCHOOL (C)

Primary grade children, who see the fun of making noise on the playground, see the importance of being quiet in the library, in the classroom, when talking together, working on group projects, and when walking about their room.

p 10 minutes $1.50

HOW RAYON IS MADE (AVC)

Shows detailed steps in manufacture of both viscose and acetate rayon, starting with raw material, to finished yarn and staple fiber.

j-h-c 15 minutes Handling charge, $1.00

HOW RUSSIANS PLAY (IFF)

Russian people in amusement parks; zoos; theaters; museums and art galleries; excursions; camps; bathing beaches and mountain hikes; the popular Russian game, Gorodki; Russian soccer; and the International Youth Day celebration are shown.

i-j-h-c-a 18 minutes $2.65

HOW TELEVISION WORKS (UW)

Explains the elementary principles of television. An excellent concert pianist is televised. The action of the television cameramen and other technicians is shown and explained. Animated sequences explain the workings of the TV camera, the vacuum tubes, the flow of electrons into the mosaic and the amplifying and receiving systems. The transmitting aerial and family scenes before the television set complete the cycle of transmission.

j-h-c-a 10 minutes $1.85

HOW THE DESERT PEOPLE LIVE (KB)

Deals with life among the wandering tribes of the Sahara Desert and the people of the deserts of Turkestan and Gobi. In conclusion a battle between a caravan and a sand storm is shown.

i-j-h 11 minutes $1.85

HOW THE EYE FUNCTIONS (KB)

The film presents the latest facts regarding "accommodation," or focal adjustment, preceded by introductory anatomical matter and illustrated by means of animated drawings. The presentation makes it readily acceptable for regular classroom.

h-c 11 minutes $1.85

HOW THE RESPIRATORY SYSTEM FUNCTIONS (B)

Explains air passages and their functional purposes. Mechanism of breathing, action of the ribs and diaphragm are shown by animated diagram. Necessity of proper posture, exercise, plenty of fresh air and rest are emphasized.

j-h-c 11 minutes $1.85

HOW TO ADD FRACTIONS (JHP)

Covers the subject matter area of a brief review of the definition of a fraction, how to add fractions which have a common denominator, how to add fractions which do not have a common denominator.

p-i 11 minutes $1.50

HOW TO AVOID MUSCLE STRAINS (B)

Using live models and animated drawings, illustrates the mechanics of muscular activities. Shows the analogy between the three types of levers and certain arrangements of bones and muscles in the human body. Shows the correct and incorrect ways of lifting objects and illustrates the effects of overstrain on the vertebral column. Concluding section deals with the difficult subject of hernias.

h-c-a 15 minutes $3.00

HOW TO BE WELL GROOMED (C)

Don and Sue are two young people anyone would look at and want to know. This film shows how they improve their personal appearance through constant attention to good grooming habits. It will demonstrate to students the four fundamentals of appearance: good health, good posture, cleanliness, and neatness. With Don and Sue as living models, they realize that in friendships and in business, success depends a great deal on how you look.

j-h 10 minutes $1.85

HOW TO BRAZE ALUMINUM (USBM)

Discusses process of joining thin aluminum sections by means of brazing. Illustrates furnace brazing, dip brazing, and torch brazing and defines differences between brazing and welding.

7 minutes Handling charge, $1.00

HOW TO BUILD AN IGLOO (YA)

A demonstration of igloo building in the far North showing how the site is selected and how the blocks of snow are used to make a snug shelter against the Arctic cold. Two eskimos staying overnight at a trading post construct an igloo in an hour and a half. The commentary explains why the snow must be carefully chosen, why the blocks are built up in a spiral, and how the completed igloo is ventilated.

p-i 11 minutes $1.85

HOW TO CALL THE FIRE DEPARTMENT (BCR)

Explains how to summon a fire department in case of emergency. Shows how to operate the two types of fire alarm boxes in general use throughout the country, and how to turn in an alarm over the telephone.

i-j-h-c-a 5 minutes $1.50

HOW TO CATCH A COLD (IC and WDP, Color)

Shows how colds are spread, how a day or so in bed helps protect the entire community, and how a simple cold may actually be the first symptom of a far more serious illness. Champions no remedies.

p-i-j-h-c-a 10 minutes Postage

HOW TO CHANGE FRACTIONS (JHP)

Covers the following subject matter — a definition and demonstration of equal fractions, an explanation of how to find an equal fraction with higher terms, an explanation of how to find an equal fraction with lower terms, and a demonstration of lowest terms.

i 11 minutes $1.50

HOW TO CONCENTRATE (C)

All too often there are so many sources of distraction, so many conflicting centers of interest that concentration on studies, business or personal matters seems to be difficult or even impossible. With an understanding of how to concentrate, however, much can be done to overcome the bad effects of distractions. Audiences will learn, for example, to select one thing upon which to concentrate and to give it full attention. Then by following other "habits" the ability to give proper attention to a task will be developed.

j-h-c-a 11 minutes $1.50

HOW TO CONDUCT A DISCUSSION (EB)

Clearly explains some of the basic principles of method which discussion leaders can use in order to insure effective and satisfying group discussion. Each principle is dramatized simply and forcefully.

c-a 25 minutes $3.70

HOW TO CONDUCT A MEETING (UW)

Proper procedure to be followed in conducting a meeting so that the decisions reached will be representative of majority opinion. Produced for civilian use in occupied areas. Uses a Japanese meeting.

h-c-a 20 minutes $2.65

HOW TO DEVELOP INTEREST (C)

Developing interest is not only a teacher's job — but also the responsibility of individual class members. Demonstrates how responsibility can be met. It will help answer many practical classroom problems; but more, it can lead to more rich and meaningful study.

j-h 11 minutes $1.50

HOW TO DIVIDE FRACTIONS (JHP)

Covers the following subject matter — the meaning of division, the rule for dividing by a fraction, showing why we invert the divisor and multiply, and examples of how to use the rule.

i 11 minutes $1.50

HOW TO DRAW CARTOONS: ANIMALS (LF)

Shows how to draw dogs, cats, horses, donkeys, lions, tigers, etc., in cartoon style.

j-h-c-a 20 minutes $3.00

HOW TO DRAW CARTOONS: COMPOSITION AND STORY (LF)

Tells how to weave cartoon characters and their actions into a story.

j-h-c-a 10 minutes $1.85

HOW TO DRAW CARTOONS: FIGURES (LF)

An artist gives pointers on drawing basic cartoon figures.

j-h-c-a 20 minutes $3.00

HOW TO DRAW CARTOONS: HANDS, FEET, CLOTHING, AND DRAPES (LF)

In the cartoon figure many moods and expressions are created by hands, feet and clothing.

j-h-c-a 20 minutes $3.00

HOW TO DRAW CARTOONS: HEADS AND EXPRESSIONS (LF)

Show how to give life and expression to their basic cartoon figures.

j-h-c-a 20 minutes $3.00

HOW TO DRAW CARTOONS: IN ACTION (LF)

Shows how to make cartoon figures portray action.

j-h-c-a 10 minutes $1.85

HOW TO FIND THE ANSWER — MATHEMATICAL PROBLEM SOLVING (C)

This film makes an important contribution to clear thinking for it encourages a systematic attack on mathematical problems both in and out of school. In so doing, it offers students an excellent exercise that can be utilized in solving problems in any subject. Here is presented and demonstrated a clearly defined procedure for working out problems after they have been established.

j-h 11 minutes $1.50

HOW TO FLY (CAA)

Depicts novices receiving instructions on how to fly. Attention is given to describing the parts and instruments of an airplane and how they function.

i-j 10 minutes Handling charge, $1.00

HOW TO GET COOPERATION (C)

Necessity for group action in our society makes this film especially important to both students and adults. It shows how cooperation from others can be enlisted if certain basic considerations are made. The need for a variety of methods of securing cooperation is demonstrated while showing how desired ends can be reached more easily with cooperation of others.

j-h-c-a 11 minutes $1.50

HOW TO GET "WORLD WITHOUT END" (UNESCO)

Tells a powerful story of the work the United Nations are doing to improve the fortunes of mankind.

h-c-a 45 minutes $4.45

HOW TO GIVE AND TAKE INSTRUCTIONS (C)

Shows the importance of knowing how to give good, clear instructions and how to take and use instructions. Presents five basic skills necessary for clear and effective communication and instructions, including the ways to give and also to receive them.

j-h-c-a 11 minutes $1.50

HOW TO GROW BEAUTIFUL AFRICAN VIOLETS AND GLOXINIAS (CSC, Color)

Demonstrates growing and caring of plants and includes fifty different specimen plants and newest varieties.

h-c-a 21 minutes $4.85

HOW TO GROW BEAUTIFUL CAMELLIAS AND AZALEAS (CSC, Color)

Shows different species, sizes, colors and their advantages; proper planting site selection, digging, fertilizing, and planting. Close-up shots show damage of brachyrhinus, beetles, aphis, leaf worms, scale, and thrips. Also included is scientific advice on control of pests by spray and dust insecticides.

h-c-a 20 minutes $4.85

HOW TO GROW BEAUTIFUL FUCHSIAS AND BEGONIAS (CSC, Color)

Demonstrates proper year-round care; selection, potting, transplanting, pruning techniques, feeding, spring and summer spraying to control insects and fungus pests. Insect protection from larvae of the brachyrhinus weevil and larvae of the night-flying moth is demonstrated.

h-c-a 22 minutes $4.85

HOW TO GROW BEAUTIFUL ROSES (CSC, Color)

Presents pruning techniques such as dormant spraying for rose pests as scale and rust; planting, feeding, spring and summer spraying and dusting for controlling pests as aphis, scale, rust, bristly rose slug, leafhoppers, thrips, rose curculio, mildew, and black spot.

h-c-a 20 minutes $4.85

Family Circles

Demonstrates how wholehearted cooperation between the school and home, and an equal division of responsibility will go a long way toward providing the kind of emotional and physical climate in which a child can grow to successful maturity. Challenges parents and teachers with the necessity for mutual understanding in which each supports and encourages the work of the other.

HOW TO INVESTIGATE VOCATIONS (C)

Intended to motivate youngsters to investigate vocations and determine which kinds of work they are best suited for. How to interpret vocational guidance tests, how to apply this information to different vocations, how to raise questions related to a specific job, and how to gain actual job experience are all visually portrayed.

h 10 minutes $1.50

HOW TO JUDGE AUTHORITIES (C)

This film interests students in the conflict which they will inevitably find between the opinion of different authorities on the same subject. Although authorities differ, their opinions are of great value in coming to a conclusion on any problem.

j-h-c 11 minutes $1.50

HOW TO JUDGE FACTS (C)

A film which will help students in every class to distinguish between pure opinion and the actual facts about the things that they learn in school as well as in the world about them.

j-h-c 11 minutes $1.50

HOW TO KEEP A JOB (C)

Job success means getting along with fellow-workers, conduct of work, attitude toward supervisors and employing company, and several other factors which this film explains vividly in the context of a fascinating story.

h-c-a 11 minutes $1.50

HOW TO MACHINE ALUMINUM (USBM)

Instructions on use of hand tools, cutting compounds and power equipment.

j-h-c 32 minutes $3.70

HOW TO MAKE A LINOLEUM BLOCK PRINT (BFS, Color)

Introduces the use of block printing for Christmas cards, home furnishings and clothing. Shows possibilities of this medium.

p-i-j 10 minutes $3.00

HOW TO MAKE A MASK (BFS, Color)

Demonstrates four elementary steps in making a mask.

j-h-c-a 10 minutes $3.00

HOW TO MAKE A PUPPET (BFS, B&W or Color)

Shows the construction of the head and hands of the puppet from plasticine, application of papier mache, painting, designing the costumes, sewing, and controlling the puppet from a stage.

j-h-c-a 11 minutes B&W $2.00, Color $3.00

HOW TO MAKE A SILK SCREEN PRINT (ICS)

Shows, in simple, fundamental form, the step-by-step procedures of making a multicolored silk screen print.

h-c-a 20 minutes $3.00

HOW TO MAKE HANDMADE LANTERN SLIDES (IU, Color)

The introduction shows the types of lantern slide which will be produced in the film — etched, glass, plastic, translucent paper, cellophane, gelatin, and silhouette. Different teachers demonstrate how to make each kind of slide. The closing sequence is a visual review of the techniques shown in the film, as demonstrated by students participating in the production of handmade lantern slides.

j-h-c 22 minutes $4.25

HOW TO MAKE PAPIER MACHE ANIMALS (BFS, Color)

Shows various animals made from newspaper and string, follows up by showing step-by-step construction, then reviews uses for the animals: displays, table decorations, etc.

i-j-h-c-a 11 minutes $3.00

HOW TO MAKE POTATO PRINTS (BFS, Color)

Opening sequence shows first graders printing their potato prints, and then reviews the simple steps involved. Use of different papers to achieve texture, form and color is shown.

p-i 11 minutes $3.00

HOW TO MAKE QUALITY CONCRETE (PCA, Color)

Testing methods for quality concrete as well as the development of various types of concrete used in varied construction projects are illustrated. Water concrete ratios are discussed in great detail and pressure, stress and weathering tests are shown. Use of aggregates and the reliability of the many types of aggregates now in use is discussed. Available to Illinois users only.

c-a 45 minutes No charge

HOW TO MULTIPLY FRACTIONS (JHP)

Covers the following subject matter — a brief review of the meaning of multiplication, a presentation of the rule for multiplying fractions, and an explanation of why the rule works.

i 11 minutes $1.50

HOW TO OBSERVE (C)

Here is a film that will be welcomed as an important contribution to effective study habits for it demonstrates the importance of observation as basic to learning the sciences and the arts. In this production, students are shown that observation can be developed as a skill and can be improved through applied and guided practice. The "tools" for observation are presented, completing a well-rounded motivational and instructional presentation of the subject.

j-h-c-a 11 minutes $1.50

HOW TO OPERATE MIMEOGRAPH DUPLICATOR 91 (BEF)

Shows in detail, with many closeups, the preparation of stencils on the typewriter, the use of the illuminated drawing board or mimeoscope, the operation of the mimeograph duplicator in all its phases, the care of the machine, and samples of excellent reproduction.

h-a 20 minutes $3.00

HOW TO OPERATE THE ARMY 16MM SOUND PROJECTOR SET (UW)

A clear, concise, and instructive demonstration of basic fundamentals in the operation of a 16mm. projector.

h-c-a 31 minutes $3.70

HOW TO PAINT IN THE CHINESE WAY (H, Color)

Demonstrates the technique of floral painting. Begins by showing the process of rubbing the sticks of pigment in shallow pans of water to get the water colors. Then proceeding to her paper the artist plans her picture as a whole, drawing on her treasury of memory and impression. The various methods of brush strokes are demonstrated.

j-h-c-a 11 minutes $2.70

HOW TO PREPARE A CLASS REPORT (C)

Outlines a procedure applicable to almost any type of oral or written report: reviewing one's own interests for subject matter, remembering those of the audience, going to the library for reliable source material; utilizing personal experiences, and sorting out and organizing what one has found.

j-h 10 minutes $1.50

HOW TO READ A BOOK (C, B&W or Color)

Selection of a book involves several considerations: What information do we need? What questions do we want answered? What does the book offer that will contribute to our knowledge and understanding?

This film does much to answer these questions. Many other details are brought out: the author's attitude; key ideas — where to look for them and how to use them in rapid reading; the index, footnotes and references, when to read quickly and when to read with greater care.

j-h-a 11 minutes B&W $1.50, Color $2.70

HOW TO READ NEWSPAPERS (C)

What does the newspaper mean to you? There are many things that go into the making of a newspaper and many things that you can get out of it. The film shows how to scan the headlines to pick out the stories you are interested in, what the "lead" of the story is, and what to look for in it. How to go through the whole paper — not just one or two sections.

j-h 10 minutes $1.50

HOW TO REMEMBER (C)

Everyone realizes that remembering is important, but the problem is how to remember. Here are six important rules to help you remember. The setting of this film is one familiar to everyone. Adults, as well as students, can profit learning how to eliminate the "waste" of forgetting.

j-h-c-a 11 minutes $1.50

HOW TO RIVET ALUMINUM (USBM)

The why and how of hole preparation, rivet temperature and use of explosive rivets.

j-h-c 27 minutes Handling charge, $1.00

HOW TO RUN A LATHE: GRINDING CUTTER BITS (SBL, Color)

Illustrates how to grind cutter bits for various lathe operations including rough and finish turning, facing, and thread cutting. Many extremely clear close-ups make it easy for the beginner to understand how to grind the correct clearance and rake angles. The adjustment of the tool in the tool post and the action of the tool when taking a cut are also shown.

j-h-c-a 20 minutes $3.85

HOW TO RUN A LATHE: PLAIN TURNING (SBL, Color)

Clearly illustrates all operations involved in the machining of a shaft held between centers. It teaches many of the basic procedures encountered in all lathe work. Among these are measuring with calipers and micrometers, locating and drilling center holes, selecting the proper cutting tools, facing, and rough and finish turning the work piece.

j-h-c-a 20 minutes $4.25

HOW TO RUN A LATHE: THE LATHE (SBL, Color)

Film I of the series introduces the student to the standard backgeared screw cutting lathe by familiarizing him with the name of each principal lathe part, its purpose and operation. Ideally suited for showing to beginners before they operate a lathe for the first time.

j-h-c-a 20 minutes $3.85

HOW TO SAY NO (C)

Sometimes saying no is easy — a simple direct "no" is enough. Sometimes, though, it is hard to say no without losing your friends. What do you do in cases like that? The film presents a panel discussion group of teenagers, bringing up situations in which it is difficult to say no, and some possible ways of resolving the problem. Ends with the conclusion that each case is different, and you have to decide each as it comes up, according to standards you have previously set for yourself.

j-h 10 minutes $1.85

HOW TO SELL QUALITY (D)

Begins with a frustrated salesman, at the point of quitting, crying on his sales manager's shoulder stating the company must reduce its prices to meet competition. He is shown that his trouble is his own failure to sell quality effectively and not the price. In a sequence of eye-opening experiences, he observes top-flight salesmen of quality products and services in action and is convinced that selling quality is the answer to price competition and the way to build a future in selling.

h-c-a 26 minutes $15.00

HOW TO SHOOT THE RIFLE (NR)

Presents nomenclature, correct sight, use of sighting bar, triangulation exercises, loop sling, pulse and breathing, trigger squeeze; prone, sitting, kneeling, standing positions — calling shots, "clock" system — and sight adjustment.

h-c-a 40 minutes $4.45

HOW TO STUDY (C)

Encouraging students to make efficient use of study time is perhaps one of the most perplexing problems facing secondary school education. This film, produced under the supervision of Dr. William G. Brink, Professor of Education, Northwestern University, and author of "Directing Study Activities in Secondary Schools," is designed to motivate better study habits as well as give practical hints on study techniques.

j-h-c 10 minutes $1.50

HOW TO SUBTRACT FRACTIONS (JHP)

Covers the following subject matter area: how to subtract fractions which have a common denominator, how to subtract a fraction from a whole number, how to subtract fractions which do not have a common denominator, and how to subtract a fraction from a mixed number.

i 11 minutes $1.50

HOW TO TEACH WITH FILMS (CAR)

Shows how to prepare for and use a teaching film. An actual demonstration is made from start to finish.

c-a 16 minutes $3.00

HOW TO THINK (C)

A traffic ticket for driving his delivery car without a commercial safety sticker gives Dick cause to do a lot of straight thinking. By following the film's suggested procedure for clear and careful thinking, he is able to solve his problem successfully. The important elements of concentration, logic, observation, memory, imagination, and judgment are all presented as part of the correct "way to think."

j-h-c-a 14 minutes $2.25

HOW TO TRANSPORT, PLACE, FINISH AND CURE QUALITY CEMENT (PCA, Color)

Demonstrates the best methods for transporting, placing, finishing and curing cement. Shows cement being mixed and the vibrator being used. Available to Illinois users only.

h-c-a 30 minutes No charge

HOW TO TWIRL A BATON (YA)

Roger Lee, former national champion baton twirler, demonstrates the nine fundamentals of twirling; beating time, salute, wrist twirl, figure eight, two-hand twirl, pass around back, cartwheel, four-finger twirl, and throw and catch.

j-h-c 10 minutes $1.85

HOW TO USE YOUR CAMERA (H)

Pictorial scenes show type of material that can be obtained when camera is used correctly. Fifteen essential principles are presented beginning with loading of camera to its unloading. Conclusion stresses simple backgrounds, the expression of an idea in the film and sequencing.

j-h-c-a 15 minutes $2.85

HOW TO VOTE (TFC, Restricted to Classroom Use)

Presents Robert Benchley's satire of a political meeting in which the speaker is confused, tells a pointless story, cites incorrect and irrelevant statistics, and refers to a chart that he does not understand.

c-a 11 minutes $1.85

HOW TO WELD ALUMINUM — ARC WELDING (USBM)

Metal arc, carbon arc, and atomic hydrogen processes for welding aluminum are discussed. Sequences show the uses and advantages of this type of weld. Proper equipment and protection of personnel are illustrated in arc welding of butt joint and operation of vertical welds.

h-c-a 10 minutes Handling charge, $1.00

HOW TO WELD ALUMINUM — RESISTANCE WELDING (USBM)

Resistance welding is a method by which parts fabricated from aluminum sheet and extrusions are welded under heat and pressure. Through animation, principles of two types of spot-welding machines are explained in detail — one employing alternating current, the other condenser-stored energy.

h-c-a 11 minutes Handling charge, $1.00

HOW TO WRITE EFFECTIVELY (C)

Demonstrates the important rules for effective writing and then proceeds to situations which help to make all writing effective. Material, audience, and purpose are offered as elements which must be considered. Discusses the factors involved in editing and offers a unique exercise in classroom participation.

j-h-c 11 minutes $1.50

HOW TO WRITE YOUR TERM PAPER (C)

The central character in this story is the person watching the film. Each student who sees this film has an opportunity to imagine himself writing the term paper which is assigned by the teacher at the beginning. By actually going through the mental processes involved in writing a term paper, students are given a great many helpful hints on the actual writing of the paper.

j-h-c 11 minutes $1.50

HOW WE COOPERATE (C)

Students learn here what cooperation is, the value to be derived from it, and they see some of the most important "settings" in which we should cooperate. The necessity of closeness of purpose, effort, and planning in cooperation is stressed.

i-j-h 11 minutes $1.50

HOW WE ELECT OUR REPRESENTATIVES (C)

Explained in this film is the functional basis of our democracy, the election system. Registration, primaries, electioneering, voting, methods of counting ballots, and the overview of the responsibility of voting intelligently to make our democracy work are presented.

j-h-c 11 minutes $1.50

HOW WE GET OUR POWER (YA)

The film explains how all of our power comes from nature — from wind, water, fuels, and the explosives.

i-j-h 10 minutes $1.85

HOW WE HEAR (KB)

A complete and comprehensive explanation of the entire ear structure and its mechanism, showing how sound waves are received by the inner ear, where they are converted into nerve impulses. Photography, animated drawings and sound are combined to make this presentation complete and effective.

h-c 11 minutes $1.85

HOW WE LEARN (C)

Analyzes the process of learning and shows the two components; "readiness" and "materials." In most school situations, materials are easily available, and "readiness" — the proper mental condition — determines to a large extent the amount and rapidity of learning. How each class member can assume the responsibility for his own "readiness" to learn is told in a simple counseling incident. The principles of readiness explained are: establish goals, cooperate and compete with others, work with your teachers, and see some sense in what you are doing.

j-h-c-a 11 minutes $1.50

HOW WE WRITE MUSIC (UIO)

Shows how musical sounds are converted to a system of music notation, while groups of children of about the 4th grade level demonstrate the playing of simple melodies.

i-j-h-c-a 18 minutes $3.00

HOW WEATHER IS FORECAST (C)

Shows the operation of a weather observation station and a weather forecasting station; charts a weather map and explains its symbols by means of animation; discusses the instruments used in weather forecasting and their functions.

i-j 10 minutes $1.50

HOW WELL CAN YOU READ LIPS?
(AFR, part Color)

Presents a standardized lip-reading achievement test for children and adults with third grade reading level and above.

i-j-h 30 minutes $3.70

HOW YOU SEE IT (JH)

Tells the story of persistence of vision and how it makes motion pictures possible. Animated drawings show how the image of an object is transmitted by the optic nerve to the brain, and how the image fades instead of stopping abruptly when the object is removed from the field of vision. Animation and photography illustrate the construction of the motion picture projector, and the optical reasons for shutter, lens, and sprockets.

j-h-c 11 minutes $1.85

HOW YOUNG AMERICA PAINTS (ASF, Color)

Presents the 1941 exhibition of Young America Paints, held in the American Museum of Natural History, New York.

i-j-a 10 minutes $2.70

HOWDY DOODY'S CHRISTMAS (UW)

When Santa Claus doesn't arrive on Christmas Eve, Howdy Doody, Buffalo Bob, and Clarabelle the Clown rocket to the North Pole and find Santa held prisoner by Ugly Sam who mistakes him for a fugitive.

p-i 10 minutes $2.50
(one day only)

HUMAN BEGINNINGS (ASF, Color)

Using a cast of six-year-olds, Human Beginnings is designed for young children, their parents, teachers, church leaders, and others who take an active part in the education and guidance of the child. The function of the film is to help young boys and girls understand what happens in the home and in the hospital with the coming of a baby, and to develop a wholesome and happy relationship between the young child, the parents, and the baby.

p-i-c-a 22 minutes $5.00

HUMAN BODY: SKELETON (C, Color)

Uses cinefluorography to view the skeletal structure in action; stresses the complexity of the system and shows how the skeleton protects, moves, and supports the body.

j-h-c 10 minutes $2.70

HUMAN DIGESTION (ATH)

Describes the principal steps in the digestive process beginning with the stimulation of the organs of digestion by the sight and smell of appetizing food. Demonstrates how the food we eat is made available for the growth, energy and repair of all of our body cells.

j-h-c 10 minutes $1.85

HUMAN GROWTH (UO, Color)

This film creates an instructional atmosphere that permits the facts of human sex to be discussed without embarrassment or tension. In a straightforward, unemotional manner, the film treats the differences between boys and girls in rate of physical and sexual maturity, the glands which control physical and sexual activity, the male and female sex organs, menstruation, fertility, pregnancy, and birth. The vocabulary is kept as simple as possible without sacrificing essential meanings. The film is in four main parts: a home scene to introduce the subject, a classroom sequence that leads into a "film within a film" sequence, and a final classroom discussion of the film.

i-j-h-c 19 minutes $5.00

HUMAN HAIR, THE (B)

Presents a description of the hair as a part of the skin, and its analogous development and growth by live photography and animated drawings. Depicts the cause and appearance of "goose flesh." Gives an understanding of the importance of the hair to one's personal appearance and its characteristics as a part of the human anatomy.

j-h-c 11 minutes $1.85

HUMAN HEART, THE (BRF)

The mechanics and functions of the heart are described with diagrams and experiments.

h-c-a 10 minutes $1.85

HUMAN REPRODUCTION (McGH)

This is a factual film on the human reproductive systems, and on the process of normal human birth. Models and animated drawings are used throughout the film to describe the anatomy and physiology of the individual reproductive organs of both men and women. Throughout, the film stresses the biological normalcy of reproduction, and in its conclusion emphasizes the importance of clear, objective familiarity with these facts as important to the success of marriage and parenthood. (For other titles in this series see BODY CARE AND GROOMING.)

j-h-c 21 minutes $2.65

HUMAN SKELETON (UW)

Shows the skeletal function in the support, protection, movement of the body as a human model moves body parts. Treats in detail the structure and various types of joints. Demonstrates elbow and wrist action by means of X-ray photography.

j-h-c 11 minutes $1.85

HUMAN SKIN, THE (B)

Depicts the important functions and the anatomical structure of the human skin by use of animated drawings and photography. Includes a descriptive explanation for the permanency of fingerprints.

j-h-c 11 minutes $1.85

HUMAN THROAT, THE (B)

Describes the throat, consisting of pharynx and larynx, from the anatomical and functional aspect. Depicts the opening and closing of the rimal opening between the vocal cords during breathing and voice production, including an actual photograph of vibrating vocal cords.

j-h-c 11 minutes $1.85

HUMMINGBIRD HOMELIFE (BFS)

The life of the hummingbird from egg until the fledglings leave the nest, life on the busiest boulevards of Hollywood, and mother feeding her babies.

p-i-j-h-a 10 minutes $1.85

HUNGER SIGNS (NFA, Color)

An excellent color film showing what happens to animals foraged and crops grown on land which has eroded and which lacks correct fertilization.

general 20 minutes $1.00

HUNTER AND THE FOREST, THE (EB)

This imaginative film will serve as an exciting stimulus for creative writing in the elementary grades. The work of one of the world's foremost photographers, Arne Sucksdorff of Sweden, it tells its story entirely through pictures, natural sounds, and a specially-composed musical score.

i-j 9 minutes $1.85

HUNTING AND FISHING: BATTLING BASS (RKO)

Bass fishing in the Connecticut Berkshires.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: BLACK DUCKS AND BROAD BILLS (RKO)

Duck hunting on Long Island.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: CHASING RAINBOWS (RKO)

Fishing for Rainbow Trout in the heart of the Rocky Mountains.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: FIELD TRIAL CHAMPIONS (RKO)

The training of hunting dogs.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: FIGHTING FISH (RKO)

Fishing for swordfish at the foot-hills of the Chilean Andes.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: FLY CASTING (RKO)

Trout fishing with both wet and dry flies.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: HUNTING HOUNDS (RKO)

A Western version of riding to hounds.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: MALLARD FLIGHT (RKO)

Duck hunting on the Texas Panhandle.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: MOUNTAIN ANGLERS (RKO)

Fishing for the steelhead trout in Oregon's Rogue River.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: ON POINT (RKO)

Hunting quail with trained dogs on the Texas Panhandle.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: PALMETTO QUAIL (RKO)

Quail hunting in Florida.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: QUAIL QUEST (RKO)

Hunting with dogs for quail in South Carolina.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: SKY GAME (RKO)

Duck shooting in Louisiana.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: SPORTSMAN'S PARTNER (RKO)

A cocker-spaniel and his hunting career.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: TIMBERDOODLES (RKO)

Hunting the elusive woodcock.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: TROUT (RKO)

Angling for trout in California's High Sierras.

j-h-c-a 15 minutes $2.65

HUNTING AND FISHING: WILD TURKEY (RKO)

Hunting a wild turkey along the Potomac River in Maryland.

j-h-c-a 15 minutes $2.65

HUNTING ANIMALS OF THE PAST (UNE)

Thirty million years ago strange animals roamed the Nebraska plains, as evidenced by fossil bones which are found preserved in deep layers of Nebraska earth. These valuable remains are skillfully extracted by trained paleontologists. In many cases, the entire animal can be reconstructed. The film shows the location and excavation of bones, preparation and shipment of specimens, the assembling of the piece, and the display of them in the museum.

h-c-a 22 minutes $3.00

HUNTING WITH A CAMERA (NFBS, Color)

An elementary class is shown movies of birds and animals, including grouse, wood ducks, mergansers, buffalo, coyotes, Rocky Mountain sheep, mountain goats, deer, caribou; and then are taken on a field trip.

i-j-h 20 minutes $4.25

HURDLES AND HAZARDS (HFE, Color)

A cartoon.
p-i 10 minutes $2.00

HURRICANE CIRCUIT (UW)

Illustrates the path of a hurricane through the Caribbean and the Gulf of Mexico and the work of the U. S. Weather Bureau in predicting the course of the hurricane and issuing precautionary and emergency storm warnings. Shows in animation the nature of hurricanes.
j-h-c-a 23 minutes $2.65

HYDRA, THE (UW)

Shows the fresh-water polyp in its native habitat, with close-ups of its mouth structure, ingestion of food, locomotion, reproduction, and ability to replace cells and regenerate body parts.
h-c-a 11 minutes $1.85

HYDRAULIC BRAKE SYSTEM, THE (UW)

Illustrates how to check brake pedal travel; examine the brake lining; adjust the brake shoes; inspect shoes; inspect and adjust the hydraulic brake fluid system.
h-c-a 20 minutes $3.00

HYDRAULIC CONTROLS (Case, Color)

Illustrates the increased efficiency of this newly-designed device for modern farming.
h-c-a 15 minutes $1.00

HYDRAULICS (JH)

The principle of hydraulic pressure is explained, and the use of liquids to transmit power is shown. Simple working models and laboratory experiments visualize the fundamentals of hydraulic pressure vividly and clearly.
h-c 11 minutes $1.85

HYMN OF THE NATIONS (UW)

Arturo Toscanini conducts the NBC Symphony Orchestra, the Westminster Choir and Jan Peerce, tenor, in a special broadcast of "Hymn of the Nations" to celebrate Mussolini's downfall.
j-h-c-a 33 minutes $3.70

HYPNOTIC BEHAVIOR (ASF)

Presents the phenomena of hypnosis illustrated in experiments conducted with 2 subjects, permitting observation and study of individual differences in response to same suggestions. Not to be shown to public audience unless presented by a professional person.
c-a 20 minutes $3.35

I AM A PARATROOPER (McGH)

Shows the kind of training received by airborne infantry recruits at Fort Benning, Georgia.
j-h-c-a 18 minutes $2.65

I AM AN ALCOHOLIC (McGH)

The story of Alcoholics Anonymous which is dedicated to the restoration of those who cannot drink without becoming invalids. Through the experiences of one man this film portrays the steps taken by members of Alcoholics Anonymous to bring that man back to his rightful place in society, to a regaining of health, happiness, and self-respect. The origin and development of Alcoholics Anonymous is then pictured.
h-a 18 minutes $3.00

I AM THE BIBLE (COB)

Shows how the Bible came down to us, from the start of the gathering of the Hebrew and Greek manuscripts; their providential preservation; the first Bibles; the struggle of the early Christians to keep and circulate them; the sufferings of believers because they believed and loved the Book; the persistent efforts throughout the centuries by governmental and church authorities to destroy the Bible. Then examines the Bible itself for the real reason why the ungodly have hated it and the believers have loved it.
j-h-a 20 minutes $3.50

Documentaries

THE CITY
STORY OF A CITY
GOLDEN TWENTIES
MAN IN THE TWENTIETH CENTURY
THE RIVER
HAUSA VILLAGE
MORNING STAR

I AM THE WAY (COB)

Dramatizes a sermon by evangelist Bill Rice on the text, " . . . I am the way, the truth, and the life: no man cometh unto the Father, but by me." (John 14:6)

a 25 minutes $3.70

I AM WITH YOU (BFC)

A missionary of the Swedish Lutheran church very nearly loses his faith when personal tragedy overwhelms him, but a native African girl helps him to find a new and purer belief.

j-h-a 75 minutes $16.00

I NEVER CATCH A COLD (C)

George thought he was too tough to obey health rules but he was sick on the day of the big sandlot game.

p-i 10 minutes $1.50

I WANT TO BE A SECRETARY (C)

Deals with clerical aptitudes. It gives aspirants important clues as to their own chances of success in this particular field.

j-h-c 22 minutes $2.65
Short version 10 minutes $1.50

I WANTED RED WINGS (GA)

A puppet story based on a North Carolina folk tale. Baby rabbit wishing for wings and getting them, comes a cropper and learns that much one doesn't have isn't good for one.

p-i 11 minutes $1.85

I WENT BACK (AFF)

Leo Genn tells of the economic progress and the recovery which he found in a visit to Italy, Austria, Greece and Denmark after two years of Marshall Plan aid.

h-c-a 20 minutes $2.65

I.L.O. (NFBC)

Gives a brief background of needs for an international labor organization, the story of its formation and relation to the League of Nations. Its organizations and purposes are explained and, as an example, its influences on the life and working conditions of seamen is depicted. The relationship between ILO and national government is explained and its affiliation with the UN is cited. The interdependence of labor in all nations is suggested.

h-c-a 11 minutes $1.85

IBERIAN PENINSULA (SPAIN AND PORTUGAL) (EB)

Provides an over-all survey of Spain and Portugal — nations walled off from the rest of Europe by the rugged Pyrenees Mountains and separated from Africa only by the narrow Strait of Gibraltar. Stressed throughout the film is the theme that the Peninsula is primarily a semi-arid land of plateau and mountain — a land characterized by a pre-industrial, agricultural economy.

i-j-h 11 minutes $1.50

ICE CAPERS (OF)

Champion Irving Jaffe demonstrates his style and speed with discussion on: how ice-skate shoe should fit, how to conquer fear the first time, balance, how to break a fall, how to get up, ways of stopping, turns, couple skating, and figure skating. A comic on ice skates is also shown.

i-j-h-c-a 9 minutes $1.85

ICE CREAM (EB)

A favorite food gives youngsters an insight into American industry. Shows ice cream made at home, then by factory methods.

p-i 11 minutes $1.85

ICELAND — LAND OF THE VIKINGS (TFC, Restricted to Classroom Use)

The film opens with the public square at Reykjavik to which the Vikings brought an advanced civilization more than 1,000 years ago.

We see two women in native costumes which are the same style as that worn by the Icelandic women of old. Two men play chess while the commentator explains that this is a popular game here, and that the Icelanders' collection of books on chess is the largest in the world. Ponies approach. These are the descendants of the ponies brought by the Vikings in the ninth century. Youngsters swim in a hot spring that has cooled sufficiently to allow it. Men and women are busy at the fish industry which is the main reason for their living in grim Iceland. Young men take part in a form of wrestling called Glima, the national sport.

j-h-c 11 minutes $1.85

IDEA TAKES WINGS, AN (HKS, Color)

Shows how the principles of love, unselfishness and working together of the Moral Re-Armament movement were successful in ending a three-year dispute between management and the employees of three major airlines.

h-c-a 30 minutes $5.20

IGOR GORIN, BARITONE (AF)

The magnificent voice of this well-known concert, motion picture and radio artist is presented in this film. He sings: "Largo Al Factotum" aria from "The Barber of Seville" by Rossini.

i-j-h-c 10 minutes $1.85

ILLINOIS (IFI, Color)

Gives a survey of the State as it is today, and its place in history. Brief scenes show the capital, including Lincoln's tomb and statue, street scenes, and the Capitol building. Shows scenes of Chicago and its industry. Film shows industrial plants and operations, transportation, agriculture, and then the State Fair. Also shown is the University of Illinois.

j-h-c-a 10 minutes $3.00

ILLINOIS PLAN FOR EXCEPTIONAL CHILDREN (IDPS, Color)

Illinois recognizes the fact that some children are exceptional, mentally and physically. The film shows the methods used to help children who are victims of defective vision, poor hearing, or cerebral palsy, as well as the mentally retarded. Emphasizes the importance of parent-school cooperation, and the necessity of adjustment to normal children.

c-a 40 minutes $4.00

IMAGES FROM DEBUSSY (AFF)

"En Bateau," "Arabesque En Mi," "Reflets dans l'Eau," and "Arabesque En Sol" are played while scenes illustrate them.

h-c-a 27 minutes $3.70

IMAGES MEDIEVALES (French Language) (AFF, Color)

Presents 14th and 15th century manuscript illuminations, with music from late medieval themes and folk-songs performed on authentic replicas of instruments of the period.

h-c-a 20 minutes $10.00

IMMIGRATION (EB)

Traces historical immigration into United States, shows representative types of immigrants and depicts melting pot process.

j-h-c 11 minutes $1.50

IMMORTAL BIZET (VF)

The story of George Bizet is told through scenes of his life and excerpts from his music. Shows that the musical atmosphere of his youth and his later travels abroad influenced his work. Includes sequences on *Carmen* and *L'Arlesienne.* The background music is performed by the Yvonne Souverne Choir and the Concerts de Conservatoire.

h-c-a 28 minutes $3.70

IMMUNIZATION (EB)

Explains what immunization is and how immunity to infectious diseases is attained. Attention is first called to the fact that immunity to some diseases is effected through actual illness; then animated drawings and natural photography depict how immunization is effected by the injection of vaccine into a human body so that the body may build up resistance to an infection without actually having the disease.

h-c 11 minutes $1.50

IMPORTANCE OF GOALS (McGH)

The case of 13-year-old Tommy. Explores the principle that all education is essentially a process of attaining basic meaningful goals. His teacher, observing him in a natural learning situation, is made aware of Tommy's need for a specific goal to encourage him in his school work. The possibility of a post in the Safety Patrol supplies the needed incentive, and with this before him, Tommy's school work takes on a new meaning. Tommy is learning and so is Tommy's teacher. Something to work toward can spell the difference between eager, interested students and those for whom school is boring and dull.

c-a 19 minutes $2.65

IMPORTANCE OF MAKING NOTES (C)

Note-taking, as an important study aid, has great value to students in almost every course. This basic motion picture presents the important skills of good note-taking. Through it audiences will learn how good notes are taken in oral instruction periods and during reading. They will see how to find the key ideas for notes, what sorts of materials should be taken down verbatim and when notes should not be taken at all.

j-h-c 11 minutes $1.50

IMPORTANCE OF SELLING, THE

The role of selling in modern business organization is shown in this film which gives particular emphasis to services provided by salesmen to business and to the consumer. The film describes the structure of typical sales organizations, shows the duties of sales executives, and illustrates the importance of selling to our society.

h-c-a 20 minutes $2.65

IMPOSSIBLE MAP (NFBC, Color)

A grapefruit, paint and brushes, a knife, transparent celluloid sheet and paper are used to show how difficult it is to make an accurate representation of the world on a flat surface. The grapefruit, painted to approximate a globe, is sliced and peeled. The pieces are arranged under the celluloid and the painted area copied. The result is accurate in the center but distorted toward the poles. Various arrangements are tried, but the difficulties of representing the globe's land areas on a flat surface are obvious.

j-h-a 10 minutes $3.00

IMPRESSIONABLE YEARS (UW)

A small girl's first experience in the children's room of the New York Public Library, and explains the appreciations which may develop in children through reading, and emphasizes freedom of choice and democratic relationships in the library.

i-j-h-c-a 30 minutes $3.35

IMPRESSIONABLE YEARS, THE (VISA)

Portrays an impressionable girl's first experience in the children's room of the New York Public Library, explains the appreciations that may be developed in children through reading and emphasizes freedom of choice and democratic attitudes and relationships in the library.

c-a 30 minutes $3.85

IMPROVE YOUR HANDWRITING (C)

This picture helps students learn for themselves to improve handwriting. It may be used in classes which offer handwriting instruction, and in classes in which teachers wish to stress the fundamentals of good handwriting in an efficient and effective way. The picture is planned to have wide grade usage.

i-j-h 11 minutes $1.50

IMPROVE YOUR PERSONALITY (C)

It's important that young people realize that personality is not a vague, glamorous attribute of the fortunate few but a part of each individual's character. Through this film an open, frank discussion of personality will be encouraged. Students will learn to understand themselves better and see how they can improve their own personalities. How personalities can be developed, adapted and controlled is dramatically told.

h-c-a 11 minutes $1.50

IMPROVE YOUR POSTURE (C)

Why should so many suffer poor posture when good posture is easy? Here is a film that shows the major areas of the body by which posture is controlled. It demonstrates what good posture is: a balance of opposing sets of muscles. And it teaches methods of maintaining good posture, stressing relaxation, self-diagnosis, and correction.

h-c 10 minutes $1.85

IMPROVE YOUR PRONUNCIATION (C)

"What did you say?" . . . that all too common phrase is overworked by poor pronunciation. While practicing his speech, to be given at the class banquet, Bill begins to realize his own pronunciation shortcomings. So he formulates a program for improvement using these basic rules: 1) Pronounce every syllable, 2) Pronounce each sound correctly, 3) Use accepted pronunciations, and 4) Use natural pronunciation. Like Bill, students will be amazed and pleased with the results, and they will realize that in gaining the respect of their fellows, as well as in making themselves correctly understood, proper pronunciation is an essential asset.

j-h-c 10 minutes $1.85

IMPROVE YOUR READING (C)

This is a prescription for reading deficiencies. The three most prevalent ailments found among students — narrow perception span; rapid, careless reading; and the slow, ponderous pointing to and pronouncing of words — are presented in this film. Specific remedies for each are illustrated and a cure set into effect.

j-h-c 10 minutes $1.85

IMPROVE YOUR SPELLING (C)

A high-school student learns how to improve his spelling by seeing, hearing, imagining, checking, and writing difficult words.

j-h-a 10 minutes $1.50

IMPROVING THE JOB (USOE)

A supervisor asks one of his workmen for suggestions for preventing waste. The workman explains the situation to members of his family at home and methods of improving the job so as to prevent waste are brought out.

h-c 9 minutes $1.85

IN COMMON CAUSE (USDA)

What soil conservation districts are, how they operate and what they have accomplished.

general 20 minutes $2.65

IN SEARCH OF HOME (NFBC)

Describes how a welfare agency seeks to find the right home for each child placed under its care. Two childless couples apply for adoption of a child. The first couple demonstrates the type of parental qualities looked for; in the case of the second there is reason to doubt their ability to provide a healthy emotional environment for an adopted child.

a 11 minutes $1.50

IN THE BEGINNING (USDA)

Portrays the mysterious prologue to life — ovulation, fertilization, and early development of the mammalian egg; scenes of spermatozoa attacking ovum; remarkable time-lapse cinemicrographs of cell division in the fertilized egg.

h-c 20 minutes $3.00

IN THE CIRCLE OF HIS FAITH (SBC, Color)

Dramatizes the testimony of Rev. and Mrs. Melvin Bradshaw, missionaries to Japan, and depicts the various factors involved in their call to foreign mission service.

h-c-a 20 minutes $4.25

IN THE CLOVER (API, Color)

Depicts the value, uses, culture and fertilizer requirements of ladino clover in North American agriculture.

h-c-a 22 minutes Postage

IN THE DRINK (CAA)

Describes the emergency equipment carried by all British bomber aircraft. Shows what happens from the time a bomber hits the sea until the crew is picked up by the Air Rescue Service.

h-a 12 minutes Handling charge, $1.00

IN THE WAKE OF THE ARMIES (OWI)

Explains the purpose of the United Nations Relief and Rehabilitation Administration. As European countries are liberated from the Nazi and Fascist yoke, the human demands of those thousands and thousands of war victims will be met by UNRRA.

h-c 14 minutes $2.65

IN THEIR OWN HANDS (FON)

Consumer's cooperatives in Sweden and its importance in Swedish economy is shown. Included also are cooperative retail shops, grocery stores, factories and entire villages.

h-a 23 minutes $3.35

INCAS, THE (HFE)

Tells how the Incas lived before the arrival of the Spanish, and shows the result of the Spanish conquest and occupation over 400 years ago. It instructs in history, sociology, handicrafts, architecture, and geography, and can be considered a worth-while teaching instrument.

j-h-c 11 minutes $1.85

INDEPENDENT COMMERCIAL RADIO STATION (UW)

Shows the workings of a local independent commercial radio station. Includes scenes of the various kinds of programs as well as the activities of the station.

h-c-a 18 minutes $2.65

INDIA (IFI, Color)

Presents a survey of the land and people of the country.

j-h-c-a 10 minutes $2.70

INDIA (MOT)

Viewing realistically past British imperialism, the film contrasts both sides of a land where tradition has placed oriental luxury side by side with squalor. While picturing the substantial social improvements and industrial developments which Britain brought about in India, it also recognizes abuses which occurred simultaneously.

j-h-c 12 minutes $2.25

INDIA (Pakistan and the Union of India, EB)

A truly remarkable film portrays the ways in which tradition, land, and climate have shaped the ways of life in India and Pakistan. Highlights India's complex problems concerning religions, nationalities, and its multitude of languages. Sensitively portrays the character of an Indian peasant, and suggests the isolation of his village from the rest of the world. Indicates the extent of education and industry in India today.

i-j-h 15 minutes $2.65

INDIA, ASIA'S NEW VOICE (MOT)

In contrasting the life of the high-caste Brahman to that of the lowly Untouchable, throws into high relief some of the basic problems that confront the government of India. New industry, power projects, public health programs and modernization of agricultural methods are depicted.

h-c-a 17 minutes $2.65

INDIAN DANCES (EB, Color)

This film colorfully records four dances and reveals the American Indian as a keen observer of nature. To the dramatic accompaniment of tom-tom rhythms an Indian chief demonstrates dance patterns based on the characteristics of the grouse, an eagle in flight, the buffalo, and the deer.

i-j 10 minutes $2.70

INDIAN HUNTERS (SF)

Two modern-day Indians scout for new hunting grounds for their tribe. These sharp-eyed scouts track moose, hunt new fishing grounds and run across the huge Canadian black bear as they move cautiously through the virgin forests and lakes of the wild Canadian north country.

i-j-h-a 10 minutes $1.85

INDIAN LIFE IN THE SOUTHWEST (HCA)

Presents some ceremonial dances of the Indians of the Southwest, including the Horse Tail Dance, Pony Dance, Hoop Dance, Buffalo Dance, and Eagle Dance.

j-h-c 10 minutes $1.85

INDIAN STREET, BOLIVIA (WHF)

Narrated by Ricardo Montalban and one of the few films available on Bolivia. You will see the world of the Indian, the world of the city and the world of the jungle. The struggle of men against nature in its rawest form and men at their most colorful. A missionary priest is shown aiding the hapless victims of a village accident.

j-h-a 20 minutes $2.65

INDIANA (IFI, Color)

Presents the historical, geographical, industrial, and scenic highlights of the state including the cities of Indianapolis, Fort Wayne, and South Bend. Also Notre Dame, Indiana, and Purdue universities as well as manufacturing, industrial, and agricultural centers.

i-j-h-c-a 10 minutes $2.70

INDIRECT MEASUREMENT (KB)

Need for indirect measurement techniques is established by showing specific situations where direct measurements can not be made. This film demonstrates three methods of indirect measurement — congruent triangles, similar triangles, and trigonometry.

h-c 11 minutes $1.85

INDIVIDUAL DIFFERENCES (McGH)

Case history of a youngster overshadowed by the reputation of an older, socially-adept brother. As a result, he is unable to make his own place in his class. When his teacher makes a study of his past record and plans to meet his interests as they really exist, Roy achieves personal satisfactions and becomes a contributing member of the group. Points out that education must meet the needs of the individual; it must not force him into a pre-conceived pattern.

j-h 20 minutes $2.65

INDONESIA, AN EMPIRE'S PROBLEM (MOT)

Recounts the drama of the break-up of one of the world's great empires. Points out that the conflict between Indonesia and the mother country, Holland, involves one of the most hotly-discussed questions of our times — is the white man's rule in Asia coming to an end?

h-c-a 18 minutes $3.00

INDUCTANCE (2 parts) (UW)

Shows by means of straight photography and animation how a magnetic force reacts around a coil. Explains self-inductance and how to increase the value of it. Also, how to increase the inductance of a coil.

h-c-a 35 minutes $4.45

INDUCTION PROGRAM, THE (PTRC)

A program for new employees.

a 25 minutes $3.70

INDUSTRIAL ART FILMS: HAND SAWS (YA)

Demonstrates the nature and function of hand saws; includes common types, uses, and care.

j 11 minutes $1.85

INDUSTRIAL ARTS: BORING AND DRILLING TOOLS (YA)

Exhibits and demonstrates the correct use of the hand drill, the electric drill, the brace and bit. Shows the different kinds of bits used.

j-h 10 minutes $1.85

INDUSTRIAL ARTS: CHISELS AND GOUGES (YA)

Exhibits and demonstrates the correct use of various types of wood chisels, gouges, and mallets.

j-h 10 minutes $1.85

INDUSTRIAL ARTS: MEASURING AND SQUARING TOOLS (YA)

Shows the nature and function of the measuring and squaring tools used in woodworking and demonstrates how a piece of stock is squared to prescribed size.

j 10 minutes $1.85

INDUSTRIAL ARTS: PLANES (YA)

Demonstrates the nature and function of hand planes, their common types, uses, and care.

j 10 minutes $1.85

INDUSTRIAL ARTS: SAFETY WITH HAND TOOLS (YA)

A demonstration of the safe way to handle the basic hand tools of the woodworking shop.

h 11 minutes $1.85

INDUSTRIAL ARTS: USING NAILS AND SCREWS (YA)

Illustrates the function of the various types of nails and screws used in woodworking, and how they may be used to best advantage.

j 10 minutes $1.85

INDUSTRIAL LAKE PORT — BUFFALO, N.Y. (UW)

In an intensely interesting fashion, this film demonstrates the fact that industrial centers tend to develop where there is a natural focus of trade routes facilitating the supplying of raw materials and the marketing of finished products. Through the eyes of a group of Sea Scouts, we see the basis for the development of Buffalo at the juncture of twelve large railroads, the terminus of water routes of supply, and near the source of a limitless supply of cheap electric power.

j-h-c 22 minutes $2.65

INDUSTRIAL ORGANIZATION AND MANAGEMENT: INTERNAL ORGANIZATION (McGH)

Illustrates the fundamental purposes of business organization and basic organizational principles, such as delegation of authority, division of labor, and assignment of responsibility; shows types of organization that can be adapted to the needs of any enterprise.

c-a 10 minutes $2.00

INDUSTRIAL ORGANIZATION AND MANAGEMENT: JOB EVALUATION (McGH)

Management determines the requirements, duties, and pay scales of various jobs through job evaluation.

c-a 10 minutes $2.00

art and motion

Art and motion carefully explained in relation to each other

20 MINUTES RUNNING TIME **$4.25 PER WEEK**

INDUSTRIAL ORGANIZATION AND MANAGEMENT: MATERIALS CONTROL (McGH)

The job of getting the right material in proper amounts to the right place at the right time is described under three materials-control functions of management: (1) procurement; (2) inventory control; and (3) control of handling and transportation of materials in the production process.

c-a 10 minutes $2.00

INDUSTRIAL ORGANIZATION AND MANAGEMENT: METHODS ANALYSIS (McGH)

Methods analysis is used to reduce production costs by increasing administration. The film shows a job analyst preparing a job specification that lists the skills and abilities required for the job, and analyzes several methods of job rating. The work of time study engineers is described.

c-a 10 minutes $2.00

INDUSTRIAL ORGANIZATION AND MANAGEMENT: PHYSICAL FACILITIES (McGH)

Describes steps in organizing physical facilities for a new enterprise: (1) location from the aspects of available facilities; (2) type of building suited to the enterprise; (3) the arrangement and positioning of the buildings; and (4) plant layout from the aspect of type of production.

c-a 10 minutes $2.00

INDUSTRIAL ORGANIZATION AND MANAGEMENT: PRODUCT DEVELOPMENT (McGH)

Considers: (1) the role of research in improving materials, processes, and products; (2) the qualifications for acceptable product ideas, such as production requirements in relation to existing facilities; and (3) aspects of product engineering.

c-a 10 minutes $2.00

INDUSTRIAL ORGANIZATION AND MANAGEMENT: PRODUCTION CONTROL, PART I (McGH)

The systematic procedure by which management regulates production output to meet fluctuating product requirements of the company's sales efforts consists of four main steps: routing, scheduling, dispatching, and following. Develops the first step fully, showing the basic importance of routing in manufacturing and increasing the productivity of men and machines. Demonstrates the basic approach and techniques of the methods analyst in studying the manufacturing cycle and indicates methods for gaining employee cooperation.

c-a 10 minutes $2.00

INDUSTRIAL ORGANIZATION AND MANAGEMENT: PRODUCTION CONTROL, PART II (McGH)

The three final steps in production control — scheduling, dispatching, and follow-up — demonstrates the use of the master schedule and of the shop schedule, and shows dispatching in both centralized and decentralized forms.

c-a 10 minutes $2.00

INDUSTRIAL ORGANIZATION AND MANAGEMENT: QUALITY CONTROL (McGH)

Industry controls the quality of its product by keeping check on the variable factors in manufacturing: men, machines, materials, manufacturing conditions, etc. This film describes factors in setting quality standards and the effect of higher or lower quality standards on manufacturing cost and selling price.

c-a 10 minutes $2.00

INDUSTRIAL ORGANIZATION AND MANAGEMENT: RISK AND FORECASTING. (McGH)

Details the procedure for calculating the chief risks in a new enterprise. Forecast includes: (1) analysis of product as to physical appearance, production requirements, and commercial uses; (2) estimates of production requirements; and (3) probable relation of production costs and sales income. Actual production is approved on the basis of a completed favorable forecast.

c-a 10 minutes $2.00

INDUSTRIAL PROVINCES OF CANADA (EB)

This film orients the industrial provinces, Ontario and Quebec, as the heart of the Dominion of Canada. It traces settlement of the region, shows distribution of population, delineates typical activities and shows the relation of this region to the remainder of Canada, to the United States, and other regions of the world. Products and imports are also summarized.

i-j-h 11 minutes $1.50

INDUSTRIAL PURCHASING (EB, Color)

Dramatically reveals the importance of the director of purchasing in an industrial plant. Portrays him in his capacity as buyer of everything purchased by his company, and reveals actual problems of buying materials and machines. Highlights the teamwork between Purchasing and other key departments which are essential to 20th century American industrial achievement.

h-c-a 20 minutes $4.25

INDUSTRIAL REVOLUTION (EB)

The efforts of primitive man to do work chiefly with his own and animal muscles are compared to methods of work from the time of the first steam-powered loom to the modern Diesel electric-powered locomotive, and animated photography describes the mechanical advantages of machines. Cause and effect relationships are treated and their social and economic implications noted.

j-h-c 11 minutes $1.50

INFIELD PLAY AT FIRST AND THIRD (ANL)

Gil Hodges, George Kell, Bob Elliott and Ferris Fain demonstrate in regular and slow motion action the defensive play at first and third base.

h-c-a 20 minutes $3.00

INFINITE UNIVERSE, THE (ALF)

Discusses the concepts of astronomical time, space, speed and size. Not only shows some of the vast galaxies and distant stars of our universe, but also tries to reduce these space-time concepts to common, everyday dimensions.

j-h-c-a 10 minutes $1.85

INFLATION (EB, Color)

Defines inflation, reveals its causes and effects, and indicates measures for the solution of it. Explains that a war or defense crisis can bring about inflation by increasing the supply of money and decreasing the supply of goods. Indicates that the effective cures for inflation are measures which decrease the supply of money while increasing productivity.

h-c-a 17 minutes $4.25

INFLUENCE OF GEOGRAPHY AND HISTORY ON THE PORT OF NEW YORK (IG, Color)

Illustrates how, during the colonial period, the port of New York was the gateway between the Eastern seaboard and the newly acquired Northwest Territory, and describes the advantageous geographical position of the early port, defining the factors that contributed to its leadership then and which account for its supremacy today.

h-c-a 10 minutes $3.00

INNER MAN STEPS OUT, THE (GE)

Designed to increase man's understanding of man and his reaction to everyday experiences. Illustrates problems in industrial supervision.

c-a 32 minutes $3.70

INSECT CATCHERS OF THE BOG JUNGLE (BY, Color)

Pictures a bog bordering a northern lake and the plants living there which capture insects for food, including the pitcher plant, the Venus fly trap, and the sun dew.

j-h-c-a 10 minutes $2.70

INSECT ZOO (EB, Color)

Brings enthusiastic student participation to the study of the insect world. The Katydid, Cricket, Butterfly, Milkweed Bug, Ladybird Beetle, Ant and Praying Mantis are shown in the backyard "zoo" built for them by two young collectors, Ted and Susan, who display the various insects in close-up photography.

p-i 11 minutes $2.70

INSECTS (EB, Color)

Clearly defines the class of animals known as insets. Identifies principal characteristics of butterflies, wasps, beetles, flies, and grasshoppers; and points up differences between true insects and their near relatives. Reveals life cycles, feeding habits, and protective coloring of a variety of insects and explains ways in which man can encourage beneficial insects and combat pests.

j-h 14 minutes $3.85

INSECTS ARE INTERESTING (DFP, Color)

Shows how a number of insects live, their life histories, and how their adaptations developed; and illustrates in detail the metamorphosis of the locust, moth, and butterfly.

j-h 11 minutes $3.00

INSECTS AS CARRIERS OF DISEASE (IIAA, Color)

Shows how the fly, mosquito, and louse spread dysentery, malaria, and typhus, and demonstrates what everybody should do to get rid of them.

h-c-a 10 minutes $3.00

INSIDE BASEBALL (TFC, Restricted to Classroom Use)

Here is baseball strategy as revealed in a game between the St. Louis Cardinals and the Boston Braves.

Close-ups and slow-motion photography reveal the use of signals from the bench, the use of signals on the part of the catcher, and the execution of pitch-out and squeeze plays.

j-h-c 10 minutes $1.85

INSIDE OPERA (TFC, Restricted to Classroom Use)

Was adapted from the Hollywood production, *One Night of Love,* in which Grace Moore played the role of an ambitious vocalist in study and training for an operatic career. It contains seven famous arias from *Carmen* and *Madam Butterfly.*

h-c 28 minutes $4.00

INSIDE STORY (EB)

Presents an account of penal rehabilitation in Massachusetts which shows what a convicted man must go through in order to get himself into the rehabilitation center and to stay there; and although vocational therapy and recreation are demonstrated, it is made clear that these men have offended society and are being punished for their deeds.

h-c-a 11 minutes $1.50

INSIDE STORY OF MODERN MILK (CLUS, Color)

Explains the process of milk production in the cow and presents the need for faster and more scientific milking methods.

h-c-a 30 minutes $6.00

INSIDE THE ATOM (NFBC)

Presents the work of scientists in the Canadian Atomic Research Center at Chalk River, Ontario, with a brief explanation of atomic theory, the splitting of the atom, and chain reaction.

h-c-a 10 minutes $1.85

INSIDE THE CAPITOL (TFC, Restricted to Classroom Use)

This is a trip through the nation's Capitol building. From cellar to dome the camera records interesting spots in the edifice. Statuary, paintings and congressional halls are included in the tour. Some of the places of interest include the visitors' gallery, the press gallery, the capitol bank, the reading room, and the Senate Chamber.

j-h-c 10 minutes $1.85

INSIDE THE FEDERAL BUREAU OF INVESTIGATION (TFC, Restricted to Classroom Use)

A descriptive film showing the exhaustive program of the Federal Bureau of Investigation to protect the nation against crime and corruption, and more recently against espionage and sabotage. Much of the picture is within the F. B. I. building in Washington, showing methods of tabulating and identifying fingerprints, class sessions for special agents in training, and laboratory practice in police techniques. Items of laboratory equipment are described by a well-informed commentator.

j-h-c 10 minutes $1.85

INSIDE THE LIBRARY OF CONGRESS (TFC, Restricted to Classroom Use)

Presents the architecture of the building; the new annex; the two reading rooms; the Ezra Winter mural of Chaucer's Canterbury Tales; the rare book collection in the Georgian Room; volumes from the library of Thomas Jefferson; the folio Bible written in 1341; the Hispanic Foundation library; translating volumes into the Braille System to be distributed by the Red Cross to regional libraries; the Vulgate edition of the Gutenberg Bible; the collection of rare musical instruments; famous musical manuscripts; and finally the great documents of American history; the Monroe Doctrine, the Declaration of Independence, the Constitution, and Gettysburg Address.

j-h-c 10 minutes $1.85

INSIDE THE SMITHSONIAN INSTITUTE (TFC, Restricted to Classroom Use)

Scenes include long shots and close shots of the Smithsonian building, the crypt which holds the remains of James Smithson, the Englishman who never set foot in America but contributed half a million dollars for this monument to his memory. Within the Institute are seen skeletons of prehistoric animals, the Theodore Roosevelt donation of African wildlife, fine examples of early Chinese sculpture; the famous Peacock Room, the Princess from the land of Porcelain, and the portrait of the artist himself designed by James McNeil Whistler. Other exhibits include a primitive fire engine, a stage coach, a cable car, buggies and carriages, the first horseless carriage, Lindbergh's plane, and that of Wiley Post and Harold Gatty, the first typewriter, the first talking machine, the first sewing machine, dresses of Mrs. Abraham Lincoln, Mrs. Coolidge and Mrs. Hoover, and the uniform of George Washington.

j-h-c 10 minutes $1.85

INSIDE THE VATICAN (CVE)

Presents views of Vatican City, including the interior of the St. Peter's basilica and the Papal palace. Pope Pius XII is shown addressing worshipers from his balcony overlooking the courtyard of St. Damascus and the Vatican museums.

j-h-c-a 30 minutes $3.70

INSIDE THE WHITE HOUSE (TFC, Restricted to Classroom Use)

Inside the White House presents a view of the exterior, seen from across the wide lawn. On the south grounds are hillocks placed there at Jackson's order to remind him of his own well-loved landscape. The President's office is in the West Wing and is connected by a covered walk with the White House. The back of the House faces Pennsylvania Avenue.

The entrance to the Executive Offices is pictured, and the reception room containing a massive mahogany table presented by the Philippines. We see the President's private office, while in the Cabinet Room hangs a portrait of Woodrow Wilson. Tuesdays and Fridays, on press days, the news men arrive, where they gather in the reception room. Several well-known correspondents are pictured in a group. The 173 men enter the President's office, after having been checked for their credentials.

When the interview has been completed, they leave to file their stories for transmission to all parts of the world.

general 11 minutes $1.85

INSPECTION OF MINOR ASSEMBLIES (CAA)

Shows how to inspect a minor assembly in detail; how to read rivet specifications; and how to inspect rivets.

h-c-a 16 minutes Handling charge, $1.00

INSPECTION OF SHEET METAL PARTS (CAA)

Shows how to plan an inspection routine; how to inspect a sheet metal part in detail; how to make a visual inspection; and how to make spot checks.

a 20 minutes Handling charge, $1.00

INSPECTION OF THREADS (UW)

Identifying the different parts of American National standard thread; how to inspect internal threads with a roll snap gage; how to adjust the roll snap gage; and how to inspect internal threads with a plug gage.

h-c-a 22 minutes $2.65

INSTALLING CONDUIT (UW)

Shows how to bend and install electrical metallic tubing.

h-c-a 25 minutes $3.35

INSTALLMENT BUYING (C)

Young Dr. Harris, who has just gone into private practice, badly needs new furniture in his waiting room, but cannot afford to pay cash for it. His experience in buying the furniture on installments demonstrates some of the pitfalls of installment buying, and shows the necessity for a complete investigation of installment credit, contracts, and interest rates before making purchases in this way.

j-h-c 10 minutes $1.85

INSTITUTIONS (PRP)

Describes the operations and services of state institutions including a prison, correctional schools for both boys and girls, and a mental hospital. The major types of mental illness are defined and the therapy for each is explained.

j-h-c-a 20 minutes $2.65

INSTRUCTING THE WORKER ON THE JOB (USOE)

Illustrates the differences in telling, showing and instructing a new worker how to do a job, and compares the effectiveness of the three methods.

h-c 11 minutes $1.85

INSTRUCTIONAL FILMS — THE NEW WAY TO GREATER EDUCATION (C)

Demonstrates to the audience through many sequences from selected films how audio-visual teaching saves time in presenting complex ideas, saves money by bringing costly equipment right into the classroom, makes the most distant things as near as the classroom movie screen, and makes it possible for student to see familiar objects in a new light.

general 25 minutes $3.70

INSTRUMENT FLIGHT (CAA)

Depicts a mission in North Africa on a night when bad weather makes instrument flying necessary. Illustrates the necessity for thorough training in instruments. Gives the nature and functions of instruments, with special attention to the altimeter, gyroscope, compass, and air-speed indicator.

c-a 18 minutes Handling charge, $1.00

INSTRUMENT FLIGHT CONTROL — ORIENTATION — FADE SYSTEM AND CLOSE-IN PROCEDURE (CAA)

Designed to orient aviators to the fade parallel methods of radio navigation. Points out the advantages of the system, and when and how to use it.

h-c-a 10 minutes Handling charge, $1.00

INSTRUMENT FLIGHT CONTROL — ORIENTATION — THE 90 DEGREE METHOD (CAA)

Designed to train instrument fliers in the 90 degree method of radio range orientation. Shows when to use this method and when not to use it, the effect of wind, and the use of the 90 degree method in a square sector, an open sector, and a closed sector.

h-c-a 9 minutes Handling charge, $1.00

Three Outstanding Documentaries

BOBWHITE THROUGH THE YEAR

The cycle of birth, growth and death of the quail coveys in the fencerows, woodlands and fields of the central United States.

NANOOK OF THE NORTH

One of the outstanding documentary films of all times. Robert Flaherty's story of the communal life of the Eskimos in the far north.

LAND OF THE LONG DAY

The unceasing struggle for survival in a harsh land — the Eskimos of Baffin Island.

FURTHER DESCRIPTIONS AND SERVICE CHARGE RATES MAY BE FOUND IN THE APPROPRIATE PLACE IN THE ALPHABETICAL LISTING

The Role of
AUDIO-VISUAL MATERIALS
in General Education

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by EDGAR DALE

ADDRESS DELIVERED AT STEPHENS COLLEGE AUDIO-VISUAL CONFERENCE, 1951

Used by special permission of
Dr. Edgar Dale, Ohio State University

If you read the speeches of college presidents you will find that they have come out four-square, unequivocally for a broad education and against a narrow education. They are for general education and are against a highly specialized or specific education. They are against vocationalism and for an education that is good for everybody.

I am for these things too, even though I'm not sure what they mean. You are for them and maybe you know what they mean. But I submit that we are not reaching this kind of objective in much of our college teaching. Maybe we can't. Maybe we are trying to bite off more than we can chew. At any rate I'd like to discuss the problem of general education and see if there isn't some way in which films or drama or radio or similar audio-visual materials can make some significant and noteworthy educational contribution.

If we analyze the various plans for general education, you see that basically their differences often lie in the kind of subject matter alleged as good for general education. Sometimes it is argued that it doesn't matter what you teach, it's how you teach it. . . . This is at best a half-truth.

Let us see if we can get some meaning out of the word GENERAL. Too often it has been mistakenly used as meaning NOT SPECIFIC. Yet a general education that is not specific is no more possible than being a man before you have been a boy. Ditto for girls and women.

Specificity and generality are little boys and big men. We often hear statements saying that we want to get away from hundreds of specifics. There is only one way educationally to do this. You cannot do it by throwing away specifics or concreteness or illustration. The only way to move away from specifics is to move them into generalizations. As William James once said: "We can only see as far into a generalization as our knowledge of its details extends."

This too is a generalization that needs qualification. You do not merely start with specificity and then expect that at some later date specificity will mechanically move into generality. Actually what we are trying to do is to deal with specifics (the only thing out of which meaning can come) in an atmosphere or mood of generalization.

We are all against the teaching of unrelated specifics, but specifics do not become related because we *say* we are teaching or developing generalizations. Specifics become fruitful generalizations because we *make* them so, because we purposely plan and work for generalization . . .

In one sense the scholar staking out a small area for depth analysis gets a kind of "king's acts" from present day application. But the teacher of general education gets no such exemption. What is taught must either be related to the present day interest at some phase or other or it will be unused and this means that eventually it will be forgotten . . .

We cannot master generalizations in the same way that we can master specifics. Indeed, that's a good test of whether it's an important generality. A little vocational trick can be easily mastered because it is usually quite concrete and specific. You can quickly learn to tie a knot in a certain way or do a repetitive operation as in a factory. The beginning and end of the process is at hand, visible. It is a *closed experience* as far as one's responsibility is concerned.

But the difference between the specific and the general is that the general is always an *open-ended, never closed* event. It always has a growing edge. We might better speak of generalizing rather than generalization since it is a process rather than an end product which we are after. It is education in generalizing that we are working for.

The difference, then, between a narrow and a broad education is that in a narrow education you get things over with. You finish with them. You circumscribe and delimit the range of connections with other life experience . . .

You cannot just *add* specifics to get a generalization. You must integrate them, put them into a pattern, reconstruct them. It's like the fellow who said that he could read the words all right but the sentences bothered him a lot.

Specificity is important. It is not antithetical to general education. It is corrollary and anterior to it. The fact that an experience is a narrow one *at this time* is not unfavorable as far as later generalization is concerned. The issue is the dynamic quality of the experience itself. Is narrowness moving into broadness, is specificity moving toward generality? These are the questions we must ask.

I want to make a second point that it is only through your own generalizing that you get generalizations. You must grow your own. I'm not too certain how systematically we can grow these generalizations. Certainly I would try to do it as systematically and logically as I could knowing that when we deal with large classes, we cannot follow theories of learning which might apply only if we had individual tutors.

My basic thesis then is that far, far too often we have contented ourselves with merely having our students memorize the quite specific facts and verbal generalizations in textbooks . . .

There has been a good deal of discussion about orientation as a part of general education. We try to orient students to the problems of the world — give them a general view, we say. But what has been the history of such courses? Many of them like Powder River in Montana have been a mile wide and a foot deep. They do not orient, they are forgotten . . .

Certain so-called broad courses have been unsuccessful because they have attempted to *cover* the ground when we should be *uncovering* it. They have merchandised high-level abstractions and generalizations which could not be understood by the students. We can, of course, go to the opposite extreme and think that we ought to spend all of our time uncovering ground at one spot and cover no other ground. This is generalizing in depth. We must also have generalizing in breadth. Some kind of balance is necessary. But in any case, we must uncover enough ground to develop significant generalizations in any study. Otherwise there is no product because there has been no process . . .

My proposal basically is the introduction of increasing amounts of concrete material at the interest level of the learner. Further, that these materials be introduced primarily with the idea of teaching how to generalize with skill, as subject matter for building generalizations . . .

How can we get students to do disciplined generalizing? Oftentimes movements come up out of the lower schools which have significance for higher education. The core-curriculum is one. I would like to propose a kind of co-relative curriculum to be set down inside present subject matter arrangements, a kind of interstitial education.

The pattern for it should be something like this. In our university, for example, we are now giving a seminar on communications. Professors from sociology, journalism, radio, audio-visual education, and political science are working together on it. It is an excellent idea but expensive. The same co-relating experiences can be developed if we use films and other media to help solve the big important problems in American life.

To solve these problems we must also use the subject matter we are learning in the Freshman, Sophomore, Junior, and Senior years. It represents vertical division of subject matter and we also need an horizontal cut-across. Courses such as those in marriage at Stephens are a case in point. The marriage courses not only use data gathered from subject-matter areas — facts, generalizations, if you please, but give further point of historical, biological, psychological generalizations by using them in a new and important problem-solving situation. As you know, a wide range of films and records is now available for such courses.

Let us think, then, of a college which is organized in large part on a subject-matter basis. This is good on the whole, and I see no significant change occurring in this pattern for a long, long time. But it is possible, it seems to me, to take certain over-arching problems — problems of living — and use them both *preceding* and *following* the studies of subject-matter, depending upon the level of generalization sought.

To teach in these problem fields requires a cluster of quite concrete and semi-concrete experiences. It requires a variety of teaching materials including charts, maps, graphs, models, exhibits, field trips, recordings, filmstrips, and motion pictures, plays, socio-drama.

This is the stuff out of which generalization is made. These beads of experience must be strung together on some hypothesis, some purpose, in order to give them lasting meaning. There must be generalizing.

Let us take an area which has great possibilities for what I shall call interstitial education. I refer to the field of mental health. I have here a report of "The National Association for Mental Health." It lists 45 films dealing with mental health. I note that only one of these films was produced before 1940. The great bulk of them were developed after 1945.

Now BOOKS on mental health are important as a part of general education. They must be used. Books represent the intellectual deposit of specific experiences which have been moved into important generalizations. Yet, books alone are not enough. They lack the specificity, the warmth, indeed some of the unutterable poignancy of concrete experiences.

Through audio-visual materials, we can supply the bases for sound generalizing . . .

In our zest for general education, we must not forget that when you read you put meaning INTO the printed page and those words can only be reminders of experiences we have had or that other people have had. Unless these words have the warmth and richness of a letter from home, they aren't going to convey much meaning. Do you think your graduates, your seniors have "mastered" the generalization that the way to make good human relations is to understand what makes you tick and what makes the other fellow tick . . . gain an understanding of the genetic development of people — what has happened to them at some point to make them like they are? Someone once said: "We need reminding more than we need instructing."

Actually most teachers — and I am afraid most college graduates — fail to look at human behavior longitudinally with a time sense. We expect the Chinese and Indians to be like us and when they're not we're hurt and surprised. We forget how people behave when they have been hungry most of their lives . . .

Let me go a little further in this business of mental health or human relations. Let us look at the stage play as audio-visual material. Let us see what its role is in the instructional educational program of the college.

I wonder if you saw "The Death of a Salesman"? An excellent playwright, Arthur Miller, dealt here with a profound generalization through the medium of a man and his problems. Willy Loman, according to his son, Biff, didn't know who he was. Worse still and perhaps because of it, he lied to himself. He lied to himself in order that he might get the emotional security which his job didn't give him. Actually Willy was much better at making things than he was at selling. Maybe he was on the wrong job.

Now this is the generalizing I did in reference to this quite concrete, quite specific play. It would be interesting to sit down with other persons and get the benefit of their generalizing. We might even secure a generalization like the one from the man who said, "It's easy to see why Willy Loman failed, New England always was lousy territory." Are your students generalizing about the Ox-bow Incident? About Pinky?

Let's turn to an entirely different area. The teaching of history. One of the objectives in the teaching of history is the generalization of the continuity of history . . .

I am always struck by the fact that in teaching history we are trying to get youngsters to remember things that happened hundreds and thousands of years ago when many of them cannot easily remember what happened in the last 10 years. This means since they were 8 years to 12 years old, if they are college students. We must, therefore, by motion picture, by drama and exhibit, and by other means reconstruct the past. You can't generalize about the past unless you can reconstruct it.

Sometimes we can physically reconstruct an entire colonial village of about 1500 population as at Williamsburg, Virginia. If they can afford it, your students can go there and see what life was like in a fairly prosperous colonial community. They will generalize, probably with some amazement that the furniture, the china, the wallpaper, the architecture, will in many cases show more taste and discrimination than we have today. It was a gracious living based in part on slave labor. Some say, of course quite ungraciously, that we modern Americans have the objections I hear once in a while to a program like lived well at the expense of Chile, Iran, China. This is another generalization.

If we want to reconstruct the last 50 years we can see it in a film titled "Fifty Years Before Your Eyes." Two other films have attempted to do the same job. They run about an hour. No history teacher can teach as much history as does this film in that period of time.

One can also turn to recordings as a way of reconstructing history. We may listen to Ed Murrow's program on Friday and hear the voice of the week. We can turn to his recordings "I Can Hear It Now," and hear history in the making. We can use filmstrips enabling us to study older documents . . .

We might see a film like "The World Is Rich." We need to study world population problems and try to figure out what will happen if we increase the world food supply but do not limit the population.

Have I given you enough concrete examples so that you can generalize my points? I hope so. Do you see anything wrong with this program? One of the ones I have suggested is that it will make education easy. Presumably then one would not want to take the students visually by an Encyclopaedia Britannica film to ancient Rome because it would then be easier to understand how people lived. Let us follow this argument a little further. If such semi-concrete film experience is bad because it is easy, then to study this history of Greecc it would be even worse to have students go to Greece for first-hand study because to do so would make many ideas clear and concrete which would otherwise be bookish, academic, and unreal. Workers in the audio-visual field are not trying to make education easy, we are trying to make it clear, effective. Could anyone conceivably object to a motion picture taken through a microscope which shows actual cell division in the life cycle of a frog? The film makes quite clear what cell division is. But if we are trying to make our subjects hard, why not adopt some really novel procedures. Let's blindfold students and not let them see the demonstrations in front of the class.

Many of you are saying in reference to the introduction of more concrete experience, "But isn't that what we have been doing?" Yes, I think it is — if you are excellent teachers. However, the administrative job of getting and using concrete materials whether experiments in zoology, reproductions of historical documents, seeing excellent plays, making good charts and graphs, is no simple one. Just as we have had to have a library to keep track of our books and magazines, to make them available when needed, so too, we must have an administrative arrangement for the selection, procurement, classification, distribution, evaluation, and upkeep of audio-visual materials.

There is also the big job of re-education of some faculty members in the art of discussion, helping students generalize skillfully. Many do not know how to use these new materials.

May I say in conclusion that there are two ways of getting sound, thoughtful, vigorous generalizing — which is what general education is. We can get it in a somewhat formal way through courses. Courses laid out, not primarily in terms of problems to be solved, but rather as a way of getting directly acquainted with the ideas in such fields as geology, chemistry, history, mathematics and the like.

I'm not unduly critical of this kind of division. Physics is a subject, a science because the stuff of which it is made, its generalizations, fit together logically.

But the logic, the maturity of mind necessary to move these generalizations into a common core may be quite fitting for a mature person but not necessarily for an immature one.

Will these interstitial courses work? Yes, if they are well taught. They must be well taught because their deficiencies are much more readily seen than some deficiencies in the old established courses. Usually in the fields that cut across subject matter lines, there is no neat logical set of material *laid out* for the student and I emphasize laid out. He must, in a sense, chart his own growth and development. This is, unfortunately, so much like life itself that we tend to ignore such approaches and shift back to the less life-like but more easily recognized and administered regular courses.

We are always expecting some miraculous cure for the ills of education. We expect a change like the woman who took the wonderful medicine, Hadacol. In her testimonial she said, "Since taking this new drug, I'm a different woman. Needless to say, my husband is delighted." There is no miraculous cure like this in store for us by introducing more concrete experiences through audio-visual materials. But it can help us use the only method there is for getting a general education . . . generalizing.

INSTRUMENT FLIGHT CONTROL — ORIENTATION — THE TRUE FADE SYSTEM (CAA)

Designed to teach Naval aviation personnel the True Fade method of radio range orientation. Demonstrates how to accomplish the True Fade method of radio range orientation, explains where and when it is most practical and shows how the following features affect the method: square sector, closed sector, open sector, wind, terrain, and distance.

h-c-a 8 minutes Handling charge, $1.00

INSTRUMENT FLIGHT CONTROL — RADIO NAVIGATION — PART II — BRACKETING AN UNKNOWN BEAM (CAA)

Designed to show aviators how to bracket an unknown beam of a 4-course aural type of radio range. Points out advantages of the system and how to carry out the procedure.

h-c-a 9 minutes Handling charge, $1.00

INSTRUMENT FLYING AND LANDING — AIR FORCE LANDING SYSTEM (CAA)

Shows how the radio compass, runway localizer, altimeter, directional gyro, artificial horizon, and marker beacons are utilized in the Air Force Landing System. Demonstrates instrument landing procedures on the Link Trainer.

c-a 12 minutes Handling charge, $1.00

INSTRUMENT FLYING AND LANDING — LET-DOWN AND LOW APPROACH (CAA)

Explains the basic routine for let-down and low approach procedures; demonstrates procedures on the Link Trainer.

h-c-a 10 minutes Handling charge, $1.00

INSTRUMENT FLYING AND LANDING — STANDARD RATE TURNS (CAA, Washington office only)

Depicts the use of the Link Trainer to demonstrate procedure for making standard rate turns.

c-a 12 minutes Handling charge, $1.00

INSTRUMENTS OF THE ORCHESTRA (BIS)

Dr. Malcolm Sargent, the famous British conductor, is the commentator for this very interesting film. He demonstrates the sound of each instrument, and then conducts the London Symphony Orchestra in Benjamin Britten's Variations and Fugue on a theme by Purcell.

h-c 20 minutes $3.00

INSURANCE AGAINST FIRE LOSSES (EB, Color)

Explains fire insurance as the institution through which we meet the problem of possible financial loss by fire. Portrays the basic principle of spreading the risk. Reviews detailed operations required on the part of insurance organizations. Clearly depicts factors affecting the cost of the premium and method of paying losses. Points up suggestions for reducing fire hazards. The entire film is produced in delightful cartoon-style animation.

j-h-c-a 14 minutes $4.25

INSURING OUR INVESTMENT IN YOUTH (M)

A young high school student is followed through his guidance program as he solves his educational and career planning program. We see how the cumulative record is formed through his school years, how through counseling and testing he is able to achieve an understanding of his true potentialities, and how he bases his vocational choice on information he has gathered from many sources.

c-a 15 minutes $3.00

INTEGRATED LANDING AIDS — PART I (CAA, Color)

Presents information to qualified pilots on the basic principles and use of ILS (Instrument Landing System) and GCA (Ground Control Approach), and the manner in which they are integrated to provide maximum safety.

h-c-a 25 minutes Handling charge, $1.00

INTEGRATED LANDING AIDS — PART II (CAA, Color)

Presents the basic principles of the various systems of High Intensity Lighting (including the Slope Line Approach Lighting System) and Fido (Fog-Intensive Dispersal of). Emphasizes the manner of integration of the various landing aids to provide maximum safeguards.

h-c-a 23 minutes Handling charge, $1.00

INTERMEDIATE ACROBATICS: ACROBATIC CHECKS — PART VI (CAA)

"Joe Student" demonstrates the procedure for acrobatic checks making a flipper turn, loop, right slow roll, left slow roll, right Chandelle, and right and left precision spin. Stresses the importance of the check and staying within the check range.

h-c-a 19 minutes Handling charge, $1.00

INTERMEDIATE ACROBATICS: IMMELMAN (CAA)

Demonstrates the procedure of performing the Immelman. Errors are shown and the narrator explains the reason and the result of such errors. Shows how the Immelman changes the pilot's status from defensive to offensive. The idea of relaxing is stressed.

h-c-a 11 minutes Handling charge, $1.00

INTERMEDIATE ACROBATICS: INVERTED SPINS (CAA)

Points out the difference between the accidental spin and the inverted spin, the procedure and precautions to be taken, and the recovery. A number of errors in recovery are illustrated and the correct procedure is shown.

h-c-a 10 minutes Handling charge, $1.00

INTERMEDIATE ACROBATICS: LOOPS (CAA)

The narrator instructs "Joe Student" in the procedure of making the loop and the precautions to take before leaving the ground. "Joe Student's" errors are corrected and an explanation of the coordination of pilot and plane is given.

h-c-a 14 minutes Handling charge, $1.00

INTERMEDIATE ACROBATICS: PRECISION SPIN (CAA)

The narrator repeatedly explains the step-by-step procedure of executing correctly the precision spin and recovery. "Joe Student" errs several times doing controlled spirals but finally performs precision spin and recovery correctly.

h-c-a 12 minutes Handling charge, $1.00

INTERMEDIATE ACROBATICS: SLOW ROLL (CAA)

The narrator explains the procedure of a slow roll to "Joe Student" and corrects his errors when he pulls through to an inverted position, black out, and gets in other dangerous situations. Illustrates the use of the slow roll in a dog fight by means of animation.

h-c-a 11 minutes Handling charge, $1.00

INTERMEDIATE ACROBATICS: THE CHANDELLE (CAA)

Demonstrates the correct use of ailerons, rudders, and controls in executing the chandelle. "Joe Student" performs the operation until he can maneuver it properly.

h-c-a 15 minutes Handling charge, $1.00

INTERMEDIATE TUMBLING (C)

Demonstrates advanced stunts like kip, headspring, handspring, various stands, pullovers and others.

j-h-c 10 minutes $1.85

INTERNATIONAL HOUSE (UW)

Portrays foreign students working and living together and showing cultural exchanges at International House, N.Y., and explains the importance of such experiences in furthering international understanding and good will.

h-c-a 10 minutes $1.85

INTO ALL THE WORLD (ABC)

Interdenominational material from many lands describes Protestant mission work among the peoples of India, Africa, and China, among the Chinese and Indians of the United States and in rural and city churches.

h-a 19 minutes $3.00

INTO THE GOOD GROUND (BFC)

Presents the Bible as the answer to man's insecurity. A bitter quarrel and his son's antagonism are the decisive factors in leading a successful architect and prominent citizen to seek the closer communion with God so needed in his life.

h-a 30 minutes $10.00

INTRODUCING THE NEW WORKER TO HIS JOB (USOE)

A new worker is being started on his job. First, the induction is done very poorly. Then, the same job is done over again, but this time as it should be. The difference between the first and second ways of inducting the worker is obvious.

h-c 16 minutes $3.00

INTRODUCING THE REPTILES (McGH)

Explains and describes various members of the five major groups of reptiles showing how they eat, live, and reproduce.

h-c-a 17 minutes $3.35

INTRODUCTION TO AIRPLANE RIVETING (JH)

Riveting as applied to airplanes.

h-c-a 20 minutes $2.65

INTRODUCTION TO ARCHITECTURE

(American Homes) (ATH)

Presents the development of American homes from the practical structures of colonial times to the present-day designs, and stresses the role of the architect in any well-designed house.

j-h-c 9 minutes $1.85

INTRODUCTION TO BIOLOGY (EB)

This motion picture provides an excellent overview of the field of biology for prospective students and beginners. The film graphically explains the life processes, adaptation, and reproduction; it depicts ways in which biology is applied to such problems of daily life as combatting disease and controlling insect pests.

j-h 13 minutes $2.25

INTRODUCTION TO CHEMISTRY

(C, B&W or Color)

Here is a film designed to stimulate an interest in the study of chemistry as well as provide important classroom instruction. Beginning with a clear-cut definition of chemistry, the motion picture introduces some of the important terms and materials common to the subject. Then some of the major industrial applications of chemistry are presented along with everyday uses found in the home and on the farm.

j-h-c 11 minutes B&W $1.50, Color $2.70

INTRODUCTION TO ELECTRICITY (C)

Opens students' eyes to electricity's magic properties, yet makes its principles concrete and simple.

i-j 11 minutes $1.85

INTRODUCTION TO FLYING (CAA)

Debunks some of the silly rumors and beliefs that crop up with each new class of student pilots.

c-a 10 minutes Handling charge, $1.00

INTRODUCTION TO FOREIGN TRADE (C)

The problem of whether foreign trade is good or bad has been the subject of controversy for many years. The film shows, in elementary terms, the way in which foreign trade operates, some of the restrictions that are sometimes set on it, and why. Animation and live photography are worked skillfully together to bring out the points.

j-h 10 minutes $1.50

INTRODUCTION TO FRACTIONS (JHP)

The meaning and use of fractions are shown by animation. Designed for fifth or sixth grades, should be equally effective for remedial work and review in higher grades.

i-j-h 11 minutes $1.50

INTRODUCTION TO JAZZ (UC)

Filmed in sepia, this film tells the story of the origination and foundations of jazz. Develops the origin of the musical form in Africa, its transmission to the United States by the slaves brought here, and its gradual spread from New Orleans through this country and the world as a whole.

general 14 minutes $2.65

INTRODUCTION TO MAP PROJECTION (UW)

Demonstrates the various types of map projection and discusses the advantages and limitations of each.

j-h-c-a 18 minutes $2.65

INTRODUCTION TO OXYACETYLENE WELDING (JH)

Demonstrates the importance of the welder's job, his tools and equipment, and the correct method of getting proper flame, the way to hold the torch and welding rod.

h-c-a 22 minutes $2.65

INTRODUCTION TO PHYSICS (C)

This film shows the main divisions of Physics, provides a basic vocabulary for the study of Physics and illustrates some of the important concepts of Physics. It is excellent as a guidance film for those who are planning their requirements in science, and also provides a stimulating introduction to those who are beginning the study of Physics in understanding every day problems.

j-h-c 11 minutes $1.50

INTRODUCTION TO RADAR (CAA)

Covers the basic theory on which radar operates, nomenclature, the different kinds of radar (detection, search, aircraft warning, homing, navigational aid). Includes a brief description of P.P.I. Sets up a problem and solves it by radar.

j-h-c-a 26 minutes Handling charge, $1.00

INTRODUCTION TO STUDENT TEACHING (IU)

Shows the activities of Bill, Nancy, and Carol during the early weeks of their student teaching experiences. They are being well prepared to assume greater responsibilities in full time student teaching. They are helped by competent, interested, supervising teachers who treat them as fellow co-workers.

c 20 minutes $2.65

INTRODUCTION TO THE ART OF FIGURE SKATING (UFBC)

Fundamentals of figure-skating are demonstrated by Barbara Ann Scott with a brief discussion of edges and basic figures and an analysis of complex turns.

h-c-a 11 minutes $1.85

INTRODUCTIONS (SM)

Points out that some people are unnerved by almost any introduction — yet their social duty of meeting or introducing other people can be a pleasure. The picture demonstrates correct answers to this problem. Typical situations in home, business, school, party and official gatherings are used to depict varied forms of easy, gracious greetings and conversation. How to meet situations requiring the introduction of friends, family and strangers is shown.

i-j-h-c-a 11 minutes $1.85

INTRODUCTORY LESSON IN SPANISH, AN (ALT)

This film reviews, and provides the opportunity for oral practice, fundamental principles which teachers explain and continue to stress throughout the course of study. An analysis of the errors which are common in the average classroom during the first few months of study is emphasized.

j-h-c 15 minutes $1.85

INVASION OF FORTRESS EUROPE — ROME FALLS TO THE ALLIES (UW)

Spot motion pictures of the most important war movements in history are pictured. The invasion subject shows the tremendous sea, sky and land assaults, together with gripping action shots of the fighting to establish beachheads. The dramatic climax of the twenty-four day offensive to liberate Rome is shown. The German retreat is disorganized and Allied armies are seen sweeping into the Eternal City through the heart of the governmental district.

h-c 11 minutes $1.50

INVESTMENT IN YOUTH (HFE, Color)

Shows the activities of the children from Burnaby School, British Columbia, as they progress from grades 1 to 12. Points out that youth is Canada's most valuable natural resource, and that public expenditure for their development is a sound investment.

h-c-a 22 minutes $4.25

INVITATION TO MUSIC (OF)

Portrays preparation for annual May Music Festival in Florence with a dress rehearsal of "Il Trovatore," routines of the ballet, a string quartet practicing a Mozart piece, and a chorus rehearsing a Verdi classic.

i-j-h-c-a 15 minutes $2.65

IRAN: BETWEEN TWO WORLDS (EB, B&W or Color)

Shows the ruins of King Darius' palace and the peacock throne used by the rulers of Iran. Travels through the city of Teheran and stops at a bazaar. Presents the activities of the country.

h-c-a 22 minutes B&W $3.00, Color $4.00

IRELAND (F)

Glimpses of the proverbial Irish national character, the poetic landscape of the country, and the political, economic and social problems which are being, and are to be, dealt with are shown.

j-h-c 16 minutes $2.70

IRISH CHILDREN (MOT)

A charming film about an Irish family, living in its thatched cottage, digging turf in the peat bogs of Western Ireland, and plying household and farm chores.

p 11 minutes $1.85

IRON: PRODUCT OF THE BLAST FURNACES (A)

Presents diagrams to show what happens inside a blast furnace. Explains how iron ore, coke, and limestone, put into the blast furnace in solid form, are transformed into a liquid metal of pure iron which will next be made into steel. Also develops a study of transportation methods and automatic machinery.

i-j-h-c 11 minutes $1.85

IRRIGATION FARMING (EB)

Illustrates man's ingenuity in using the resources of nature to make usable and profitable a land that would otherwise be desert. How engineers harness the water which begins with melting mountain snow is shown, as well as how the farmer uses the water by various methods of irrigation such as the pipe, the canvas, and the ditch methods.

i-j-h 11 minutes $1.50

IRRIGATION FARMING (UW)

Irrigation problems and methods in the southwest.

h-c-a 18 minutes $2.65

ISAAC AND REBECCA (COF)

Portrays the Old Testament story from the time that Abraham sends his servant Eliezer to secure a wife for his son Isaac, until Eliezer's return with the lovely Rebecca.

j-h-c-a 20 minutes $2.65

ISAAC, THE BOY (HFE)

Tells that the patriarch Abram and his wife Sarai have never had any children, but a son, Ishmael, is born to Abram and Sarai's handmaid, Hagar. A son is born to Sarai, and Abram celebrates the day his son, Isaac, is weaned. Ishmael, the half-brother of Sarai's son, cannot conceal his jealousy of Isaac.

c-a 11 minutes $1.85

ISLAND NATION — JAPAN (UW)

Living is difficult in an area where farmland and other natural resources are limited; but by working hard and by developing industry densely populated countries can overcome some of their difficulties. This film shows us that no country illustrates this geographic principle better than Japan. We see what this country of 80,000,000 people, handicapped by mountainous terrain, and without the necessary raw materials for industrial development has done to overcome her difficulties. Industry is based on the importation of raw materials, and the selling of finished products throughout the world, made possible, particularly through low wages and long hours of work. In rural regions, too, people work long and hard to gain a livelihood from the soil.

j-h-c 22 minutes $2.65

ISLANDS OF THE WEST INDIES (TFC, Restricted to Classroom Use)

A travelog of various islands in the West Indies including Curacao, Martinique, Trinidad, and others of current defense interest. Narration relates the history and importance of these islands in the world today.

i-j-h-a 11 minutes $1.85

ISRAEL (IFI, Color)

Shows old and new Israel in a trip to Jerusalem, Mt. Zion, the Tomb of King David, Nazareth, the Jordan River. Shows the land being made productive.

j-h-c-a 10 minutes $2.70

IT CAN'T LAST (OWI)

The scenario for this film was written for the United States Navy by the distinguished Pulitzer Prize poet, Archibald MacLeish. The story the film tells is one which points out with kindly irony that precisely because the last battle of the war seems almost in sight, we must fight, work and save even harder. The last blow in the fight is one that makes the decision stick. Mr. MacLeish's story also points out that it's as hard to die at the end of the war as at the beginning — maybe be even harder.

h-c 20 minutes $2.65

Commercial Education

DEVELOPING SHORTHAND SPEED
DOING HOMEWORK (SHORTHAND) I
DOING HOMEWORK (SHORTHAND) II
EIGHT PARTS OF A BUSINESS LETTER
HOW TO OPERATE A MIMEOGRAPH
DUPLICATE
FILING PROCEDURES IN BUSINESS

IT DIDN'T HAVE TO HAPPEN (IFB)

Shows employees why industry puts safety guards on machines and how they are to be used.

c-a 13 minutes $2.65

IT DOESN'T HURT (C)

George bragged that he learned the hard way. But after a bout with Molar I. Decay, George resolves to take good care of his teeth.

p-i 10 minutes $1.50

IT HAPPENED AT YANKEE STADIUM (TFI)

Pictures the "Word of Life" rally held in Yankee Stadium, and closes with an evangelistic appeal.

j-h-c-a 17 minutes $2.65

IT TAKES ALL KINDS

See
MARRIAGE FOR MODERNS: IT TAKES ALL KINDS

IT TAKES EVERYBODY TO BUILD THIS LAND (EB)

Against a unique background of modern folk ballads sung to guitar accompaniment, this film traces the development of specialization in American industry and agriculture. It explains why specialization is profitable and important to us and graphically shows that we all depend on specialists for food, clothing, and shelter. Particular emphasis is given to interdependence in farming, tool making, fishing, clothing and manufacturing, and lumbering.

i-j 21 minutes $2.65

ITALIAN CHILDREN: HARVEST TIME IN UMBRIA (EB)

Charmingly depicts activities in the daily life of farm children in the province of Umbria. Portrays interesting features of their home environment such as their house, garden, and food, and shows the children participating in the farm work — particularly in the picking and processing of olives. Illustrates the role of family festivities and musical enjoyment in the lives of Italian children, and features market day activities in the historic Italian city of Assisi.

p-i 11 minutes $1.50

ITALIAN LIBYA (TFC, Restricted to Classroom Use)

Here is a travelog of modern Libya in six main sequences. Street scenes: everyday life in Libya; natives with their camels and donkeys. Native industry: nature handicraft, basket making and fez making. We see farmers applying ancient methods of agriculture: seeding, harvesting, threshing, and winnowing grain. We come upon an oasis in the Libyan desert, 700 miles inland. Past glory is represented by the ruins of Leptis Magna, the most imposing Roman ruins in Africa. Then we see Tripoli, an ancient city with modern arts and modern ways; beautiful streets and parks.

j-h-c 11 minutes $1.50

ITALIAN PENINSULA (C)

Within the boundaries of the "Italian Boot" is a country of unusual geography. The cool climate of the north, the Mediterranean climate of the south, the twin coastlines, the "backbone" of mountain ranges have helped to produce different types of agriculture and living patterns. To give meaning and personality to this study, your students will meet a silk factory worker in Milan, a rice farmer in the Po Valley, a high school student in Rome and a citrus fruit grower near Naples.

i-j-h-a 11 minutes $1.50

ITALY (IFI, Color)

Shows the geography of the country and the life of the people.

j-h-c-a 10 minutes $3.00

ITALY (MOT)

The story of modern Italy, with emphasis on the chaotic condition of that vanquished nation at the end of the conflict is presented. Also incorporated in this film is an absorbing sequence on Vatican City, politically independent capital of the Roman Catholic world.

j-h-c 17 minutes $2.65

ITALY: LAND OF INSPIRATION
(TFC, Restricted to Classroom Use)

These are scenes in and about Rome and Florence, Italy.

The architectural splendor of the Roman Forum and Colosseum is revealed in panoramic views and close-ups. There is St. Peter's, with views of the dome, and fountain.

Then Florence — the River Arno with the Ponte Veccio, the oldest bridge in Florence; the bridge over which Beatrice was walking when Dante first saw her. The square, which was once the forum of the Florentine Republic, and the cathedral, completed in the early part of the fifteenth century, are next. We see the famous bronze doors of the baptistry which Ghiberti spent 27 years in modeling. A man paints figures on a vase while the commentator tells us that ceramic art has flourished here for centuries.

j-h-c 10 minutes $1.85

ITALY — PENINSULA OF CONTRASTS
(EB, Color)

Presents a comprehensive survey of the physical and economic geography of Italy together with a portrayal of the life of the people and of the rich Italian heritage in history and art. Animated maps point up key aspects of Italy's geographical pattern and help explain their influence on life and work in that country.

i-j 17 minutes $4.25

ITALY REBUILDS (IFF)

Develops the story of an Italian family, the Montinellis, leaving the "DP" camp and going home to a pile of debris, but it is still home to them. The UNRAA helps the Italians help themselves.

c-a 20 minutes $2.65

IT'S A SMALL WORLD (CU)

With hidden cameras, film shows spontaneous actions and reactions of children in a full day of nursery school life.

c-a 38 minutes $4.65

IT'S ALL YOURS (PB)

Has as its aim the inspiration of young people to acquire the habit of reading. One may read for fun or with a definite purpose. Ralph Bellamy has the lead part.

j-h-c 11 minutes $1.85

IT'S FUN TO READ BOOKS (C)

One of the greatest problems confronting teachers is that of arousing students' interest in the many aspects of reading. This film is aimed at developing an attitude in younger students that will lead to habits which are essential to the enjoyment of reading. Where do we get the books we want? How should we take care of books? How do we get fun from books? are some typical questions raised and answered by this motion picture.

i-j 11 minutes $1.50

IT'S FUN TO SING (SF)

Sixty Toronto business girls, under the direction of Leslie Bell, sing such songs as: "Green Sleeves," "Long Beach Sea," "Ah, Si Mon Moine," and Palestrina's "Sanctus," then finish with "Dry Bones."

h-c-a 11 minutes $1.85

IT'S ONLY THE BEGINNING (HC, Color)

A spritely lesson on the value of industrial research to John Q. Citizen. It combines live action and cartooning to show the tremendous cost of industrial research and its importance to progress. The source of funds with which such research is financed is traced directly to profits. Thus another facet of the importance of industrial profits to the future welfare of John Q. Citizen is presented in an interesting and understandable manner.

h-c-a 10 minutes $3.00

IT'S OUR JOB (WPP)

One of the best films ever put out concerning foreman-worker relationships in a factory. The film uses unsophisticated narrative to very plainly and simply show how a foreman can best do his job. It covers not only relationships between the foreman and workers, but also relationships between a foreman and other foremen.

general 40 minutes $4.45

IT'S THE MAINE SARDINE (USDI, Color)

The Maine Sardine fishery showing the colorful methods of capturing and processing sardines. Awarded first prize, public relations category, Tenth Annual Exhibition of Cinematographic Art, Venice, Italy.

general 18 minutes Handling charge, $1.00

IT'S UP TO YOU (CA)

The importance of conscientiously developing better qualities of executive leadership is illustrated through the story of the problems of a young executive in a retail store.

c-a 13 minutes $2.65

IT'S YOUR AMERICA (OWI)

This is the adventure of a soldier who had plenty to learn about freedom, democracy and liberty and of the Lincoln cent piece that helped him.

general 35 minutes $4.45

IT'S YOUR LAND (UW)

When the devil gloats over a farmer at his dinner table, food disappears from dishes as erosion carries away topsoil. Although Satan brags that only 2½ acres of crop land remain for each person in the United States, he is routed by the local conservation soil committee of farmers and the activities they sponsor.

j-h-c-a 4 minutes $1.50

IT'S YOUR LIBRARY (M)

The story of a nine-year-old boy's discovery of a rich and adventurous world. Explains the essential mechanics of the library, and shows the many ways in which a librarian enriches the lives of the young people of a town.

p-i-j-c 10 minutes $2.00

IWO JIMA (UNCOMMON VALOR) (UW)

Presents the story of the statue "Flag Raising on Iwo Jima" created by Felix de Weldon. Includes scenes of the 1945 landing on Iwo Jima, the original photograph of the flag raising, the sculptor at work, the statue and its unveiling at Quantico.

h-c-a 8 minutes $1.85

JACK AND THE BEAN STALK (SF)

The enchanting fairy tale with actual dialogue spoken by the characters.

p 11 minutes $1.50

JACK'S VISIT TO COSTA RICA (C)

A story of a boy's trip to visit friends in Costa Rica. He lives in the home of a typical Costa Rican family, sharing their life and activities.

i-j 11 minutes $1.85

JACKSON POLLOCK (AFF, Color)

Some of the painting techniques and the recent works of Jackson Pollock. Pictures him painting as he stands over the canvas spread out on the floor. Describes his use of wire, coins, and other objects in his paintings and explains his motive: "To express his feelings rather than illustrate them."

c 10 minutes $3.00

JACOB AND RACHEL (HFE)

Jacob meets and falls in love with Rachel, the daughter of Laban. Laban makes a bargain with Jacob requiring him to work for Laban for seven years, because he has no money or goods to offer. Laban tricks Jacob by offering him another daughter, Leah, and so he must work another seven years to win Rachel.

c-a 11 minutes $1.85

JAMES FENIMORE COOPER (EB)

The reasons for Cooper's literary greatness become apparent in this moving story of significant incidents in his life. We see him grow from a young man, dreaming of pioneer adventure on the frontier, to a mature, distinguished novelist, forcing his earlier dreams into vicarious reality by creating the first great American novels based on the American frontier scene.

j-h 17 minutes $2.65

JAMESTOWN, WILLIAMSBURG AND YORKTOWN (PRF)

Photographs of these three towns in Virginia and animated sequences recall the life in this part of the Colonies in the years 1607 to 1781.

i-j-h 12 minutes $2.65

JAN CHRISTIAN SMUTS (NA)

Shows 76-year-old Field Marshal Smuts climbing Table Mountain, 3500 feet high, to deliver an address to the Table Mountain Club at its special anniversary memorial hike.

h-c-a 10 minutes $1.85

JAN PEERCE AND NADINE CONNER (WAR)

A deserted Opera House comes to life and the voices of Peerce and Conner join together to recreate three arias for which they are most famous. Peerce sings "O Paradiso" from Meyerbeer's "L'Africaine"; Miss Conner sings "Norina's Aria" from Donizetti's "Don Pasquale"; and, the two join in the "Duet" from Donizetti's "Lucia di Lammermoor."

j-h-c-a 26 minutes $3.70

JANE EYRE (TFC, Restricted to Classroom Use)

Based on the book by Charlotte Bronte. Stars Virginia Bruce, Colin Clive.

j-h-c-a 45 minutes $5.00

JAPAN AND DEMOCRACY (MOT)

A report on the program of the United States for educating the people of Japan to the ways of democracy. Shows the life of a typical Japanese family, discloses Japan's new-found freedom, and indicates the nation's continuing economic and cultural problems.

h-c-a 18 minutes $3.00

JAPAN — 80,000,000 MOUTHS TO FEED (EB, Color)

The ways in which the people of heavily populated Japan utilize all possible land for farming are clearly illustrated by this remarkable film. Shown are farmers at work in the rice fields, planting, fertilizing, harvesting, threshing, and hulling the crop which is the "bread" of Japan. Men and women harvest and process tea. Fishermen fight the rolling surf to bring in the much-needed catch; other workers gather edible seaweed and prepare salt from sea water.

i-j-h 12 minutes $3.50

JAPAN: THE LAND AND THE PEOPLE (C, B&W or Color)

Describes how 83 million people support themselves in a mountainous, island nation, small in area, where arable land is extremely limited. The cultivation of rice, tea, silkworms, and timber and the development of modern industries are shown, as well as Japan's growth in the post-World War II era.

i-j-h 11 minutes B&W $1.50, Color $2.70

JAPANESE FAMILY (BFS)

Presents the story of the Kawaii family, silk-weavers, of Kyoto, Japan. Shows the adults at the hand-operated looms weaving the beautiful silk brocades for which Japan is famous. Depicts the preparations for and the family observance of a Japanese New Year's celebration.

j-h-a 23 minutes $3.00

JAPANESE FISHING VILLAGE (YA)

Depicts a typical day and the way of life in the small Japanese fishing village of Himajo.

h-c-a 13 minutes $3.00

JASCHA HEIFETZ (WAR)

The incomparable violinist and his accompanist, Emanuel Bay, give an impromptu recital in the auditorium on the campus of Pomona College. In a varied program, he plays "Sweet Remembrance," Mendelssohn; "Sonatensatz," Brahms; "Hungarian Dance No. 7," Brahms; "Melodie," Gluck; "March" from "Love for Three Oranges," Prokofieff; "Polonaise," Wieniawshy; "Hora Stacatto," Dinicu-Heifetz.

h-c-a 26 minutes $3.70

JASCHA HEIFETZ — No. 2
THE PORTRAIT OF AN ARTIST (WAR)

The home and practice life of a violin virtuoso. How Heifetz lives and prepares for his public appearances. A varied program consisting of: "Chaconne," Vitali; "Prelude E-Major," Bach; "Girl With the Flaxen Hair," Debussy; "Scherzo Tarantella," Wieniawsky; and "24th Caprice," Paganini.

h-c-a 26 minutes $3.70

JEALOUS MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

JEAN AND HER DOLLS (Primary Reading) (EB, Color)

Jean is featured in a story designed to stimulate reading in the first grade.

p 5 minutes $1.60

JEFFERSON DAVIS DECLARES SECESSION (TFC, Restricted to Classroom Use)

This half-reel subject deals poignantly with the decisive moment when the rift between the North and the South became final and irrevocable with the Declaration of Secession by Jefferson Davis in the United States Senate. The speech is preceded in this excerpt by incidents on the floor of the Senate which reflect the tensions and animosities besetting the nation. In his address, Davis expresses simply yet eloquently the determination of the Southern States to withdraw from the Union. His delivery and his words stress the difficulty of this decision and at the same time reveal the sincerity and conviction of the Confederate leaders in their beliefs. The concluding scene depicts the pathos of the occasion as Southern Senators file resolutely from the Senate chamber.

h-c-a 6 minutes $1.50

JEFFERSON OF MONTICELLO (VSBE)

Thomas Jefferson tells his own story against the background of his home in Virginia, with scenes of his birthplace in Albemarle County, his student surroundings at the College of William and Mary, and his architectural accomplishments.

j-h-c-a 18 minutes $3.00

JEFFERSON THE ARCHITECT (IFB)

Shows Thomas Jefferson's contributions to post-colonial architecture and design. Monticello is depicted in great detail including Jefferson's architectural work and many of the furnishings he designed. Useful for history and art classes.

j-h-c-a 11 minutes $1.85

JERRY PULLS THE STRINGS (COFFEE COMMERCE) (AC)

Puppetry and a love story is the framework on which is hung a variety of information about coffee culture and commerce.

general 45 minutes $2.50

JERUSALEM, THE HOLY CITY (EB, Color)

Concentrating on the historic settings and contemporary shrines of the respective religions, this film develops the theme of Jerusalem as a city sacred to the Jewish, Christian, and Mohammedan faiths. Settings and structures rich in historic association pass in review to the accompaniment of especially prepared musical score and interpretive narration.

j-h-a 11 minutes $2.70

JET ASSISTED TAKE-OFF FOR CARRIER AIRCRAFT (UW)

Detailed views of the structure of the jet assist units for carrier aircraft. Shows the handling and storage of the units and then, in careful detail, shows how the units are mounted. After the mounting, the film shows how the operational procedure for pilots varies from procedure in unassisted take-off.

h-c-a 15 minutes $2.65

JET PROPULSION (CAA, Color)

Demonstrates that the conventional planes of today are still powered by improved versions of the reciprocating engine of the Wright Brothers' 1903 airplane. Points out the engine's limitations and explains Newton's Third Law of Motion to show how it may be used to propel aircraft. Explains the construction and operation of the jet engine and points up its similarity to the turbosupercharger. Demonstrates the flight characteristics of the P-80 "Shooting Star" and how these differ from the conventional type of aircraft.

j-h-c-a 15 minutes Handling charge, $1.00

JET PROPULSION (EB, Color)

Provides a graphic and detailed explanation of jet propulsion in modern aircraft. Explains through animated drawings the workings of jet engines and the principles of physics on which they are based, relating them specifically to Newton's third law of motion. Shows various types of jet engines and their uses. Portrays jet aircraft in flight and suggests future potential for this type of engine.

j-h 12 minutes $3.00

JIGS AND FIXTURES (FP)

A valuable film to show to apprentices as it starts by setting up the basic fundamentals that are of greatest importance to every kind of machine operation. It presents the proper way to clamp and hold work for machining.

h-c 11 minutes $1.85

JIMMY VISITS THE CITY (C)

Jimmy's first trip to the city features tall office buildings, congested streets, apartment buildings, elevated trains, department stores, and escalators.

p-i 11 minutes $1.50

JOAN AVOIDS A COLD (C)

The story of a boy who violated the rules of good health and caught a cold and of a girl who obeyed the rules and didn't.

p-i 10 minutes $1.50

JOB FOR BOB, A (RFA)

Bob, fresh out of high school and eager to get married, felt crushed when told he was unqualified for the important job he wanted. This is the story of how he was led to take a job in keeping with his abilities which permitted full expression of his personality. Based on the International Council of Religious Education outline, "Choosing a Vocation."

i-j-h-a 30 minutes $8.00

JOHN C. CALHOUN (EB)

Tells episodes in the career of Calhoun, statesman and advocate of state's rights. Depicts events of his early political career, his part in the War of 1812, and the difficulties he encountered when serving as Vice President. Shows developments which compelled him to change from a Nationalist to a leader of Southern sectionalism.

j-h-a 22 minutes $2.65

JOHN C. FREMONT (EB)

Dramatizes important and significant events in the rich, full life of John C. Fremont, cartographer, explorer, military general, presidential candidate, and territorial governor. Begins with Fremont's government work as explorer and map-maker in the Mississippi valley and the West. Calls attention to his association with Kit Carson, and his part in the Mexican and Civil Wars. Recalls his defeats for the Presidency and his eventual appointment as territorial governor of Arizona.

j-h-a 20 minutes $2.65

JOHN GREENLEAF WHITTIER (EB)

Recalls highlights in the life of one of America's most beloved poets and strongest abolitionists. Begins by revealing Whittier's boyhood love for poetry. Traces his later association with William Lloyd Garrison, and follows his work as student and editor, when he began to establish himself as a writer and as an advocate of social reforms. Points out Whittier's years of seclusion at Amesbury, and reveals how, during his declining years, he was inspired by boyhood memories to write some of his best-loved poems.

j-h-a 22 minutes $2.65

JOHN MARSHALL (EB)

A portrait of the founder of American Constitutional Law. Reveals predisposing experiences of his boyhood; depicts his role in the American Revolution; traces developments which drew him into politics and led to his appointment as Chief Justice of the Supreme Court. Reveals court decisions through which Marshall established the Supreme Court as the highest authority in determining the constitutionality of American legislation.

j-h-a 22 minutes $2.65

JOHN MARTIN & SON (KF)

Is a dramatized presentation of the steps taken by a dairy farmer to improve the efficiency of his herd. He started with an average production of five thousand pounds of milk per animal per year and after the improvement program recommended by the Dairy Herd Improvement Association was in operation the milk production became eighty five hundred pounds per animal with over three hundred pounds of butterfat.

h-c-a 20 minutes $2.65

JOHN QUINCY ADAMS (EB)

Episodes in the life of America's sixth President, and father of American Foreign Policy. Reveals Adams' skill in diplomacy by portraying his career as an American representative in Europe and as Secretary of State. Traces the steps by which Adams, in a series of diplomatic moves, laid the groundwork for the expansion of the United States across the entire continent.

j-h-a 22 minutes $2.65

JOHNNY AND MR. DO RIGHT: GOOD HEALTH HABITS NO. 1 (COF)

Johnny and his dog, Mr. Do Right present a message concerning good health habits.

p-i-a 9 minutes $1.85

JOHNNY APPLESEED: A LEGEND OF FRONTIER LIFE (C, Color)

Presents the story of Johnny Appleseed against the background of pioneer America: how Johnny's love of God and nature started him on a mission that was to last all his life and make his name known throughout the land.

i-j 16 minutes $4.25

JOHNNY LEARNS HIS MANNERS (PF)

A narrated story, illustrated on an artist's drawing board, of how a little boy who is untidy, ill-mannered and selfish is turned into a pig until his "Goodself" conquers his "Badself."

p-i-j 16 minutes $3.00

JOHNNY'S NEW WORLD (NSPB, Color)

Follows Johnny through his first days at school and the story of gradually developing eye trouble. Alertness on the parts of teacher, school nurse and parent bring proper care to Johnny.

c-a 17 minutes $2.50

JOHNSON AND RECONSTRUCTION (TFC, Restricted to Classroom Use)

Is adapted from "Tennessee Johnson." Concerns the career of Andrew Johnson. As Vice President under Lincoln, he becomes President when Lincoln is assassinated. He attempts to carry out Lincoln's ideal of Reconstruction. He is bitterly opposed by Congressman Thad Stevens, leader of Congress, who seeks to deal with the South as a conquered territory. When Johnson dismisses War Secretary Stanton from his cabinet in order to test the constitutionality of the Tenure of Office Act, Stevens arouses Congress to bring impeachment proceedings against the President, but he is acquitted by one vote. Seven years after his completion of office, Johnson returns to Washington as Senator from Tennessee.

j-h-c 44 minutes $3.70

JOINTING EDGES AND END GRAIN 90° TO A FACE (UW)

How to set the fence and infeed table to proper height; how to feed with the grain; how to joint end grain so as to prevent tearing; and how to observe all necessary safety precautions.

h-a 17 minutes $1.50

JORDAN VALLEY (IFB)

Presents the geographical background of the Scriptures, thus broadening the understanding of Biblical passages. A trip along the Jordan from Palestine to the Dead Sea unifies the film. Numerous places of Biblical importance are shown. Herdsmen, farmers, weavers, and fishermen are shown. Modern methods appear alongside custom 2,000 years old.

j-h-a 19 minutes $3.00

JOSE ITURBI, PIANIST (FCI)

This impeccable musician and dazzling virtuoso has a dynamic personality and is a human being of charm and intelligence. He has been termed "the musician's yard-stick, the critic's delight and the public's idol." Iturbi's time is divided between his duties as Musical Director of the Rochester Philharmonic Orchestra,

CRIME OF KOREA

Presentation of the beginning of hostilities of the Korean conflict.

10 MINUTES RUNNING TIME $3.00 PER WEEK

recitals, radio and orchestral engagements. His fame as a pianist is world wide. He plays: "Sevilla" by Albeniz; "Fantasie Impromptu" by Chopin.

i-j-h-c 10 minutes $1.85

JOSEPH AND HIS BRETHREN (BFC, Color)

Puppets enact the Biblical text of how Joseph receives the coat of many colors, arouses his brother's hatred and is sold into slavery in Egypt and is imprisoned by Potiphar.

i-j-h-c-a 14 minutes $7.50

JOSEPH IN EGYPT (BFC, Color)

Puppets enact the Biblical text of how Joseph interprets the dreams of his fellow prisoners and then of the Pharoah, becomes Prime Minister and finally is reconciled with his brothers.

j-h-c-a 14 minutes $7.50

JOURNALISM (VGF)

Opening with dramatic scenes depicting the varied life of a newspaper reporter, this film goes on to describe and display his work in various specialized capacities such as society, sports, music and drama, finance, politics. Feature writing, its requirements and possibilities, are described. The story describes the work of the great press associations, and a sequence shows the opportunities for young men and women with the small newspaper. The educational preparation is presented, pointing out that the journalist's activities touch upon all phases of society.

j-h-c 11 minutes $1.85

JOURNEY INTO HISTORY (BIS, Color)

"Travels back" into the England of Hogarth and Gainsborough, Robert Adam and Captain Cook by picturing art galleries, museums and famous old houses in the city of London. The narration contains appropriate passages from literature of the mid-18th century.

j-h-c-a 11 minutes $2.70

JOURNEY INTO MEDICINE (UW)

Portrays the professional training of a young doctor at Columbia Presbyterian Medical Center, New York Hospital, and Johns Hopkins, and shows why he decided to specialize in public health.

h-c-a 40 minutes $4.45

JOURNEY OF FAITH (OF, Color)

Records the voyage which Cardinal Spellman and a select group made to Rome for a special audience with Pope Pius XII.

j-h-c-a 20 minutes $3.00

JOURNEY TO MECCA (AFF)

Presents 50,000 Moslems from many parts of the world on the annual pilgrimage to Mecca, with historic and ritualistic significances of the tour explained.

j-h-c-a 15 minutes $3.00

JOURNEY TO PROVENCE (UI)

Historical and modern highlights of ancient Southern France and includes annual religious pilgrimages, scenes showing local gypsies and their "saint protectors," walled cities, and ancient monuments.

j-h-a 11 minutes $2.00

JUDGING EMOTIONAL BEHAVIOR (CW)

A motion picture designed to measure the sensitivity of individuals to the emotions of others. Ten sequences are shown in which two people are reacting as if certain events were happening to them while they are being described by a narrator. The subjects are reacting under post hypnotic suggestion. The observer must try to identify the emotions of the subjects and judge which of the subjects is reliving a past experience.

c-a 20 minutes $3.00

JUDY LEARNS ABOUT MILK (YA)

Judy learns about milk through visiting her Uncle George's farm. She sees how the cows are cared for and fed, how they are milked, and how the milk is taken from the farm to the dairy plant and then to the home.

p-i 10 minutes $1.85

JUDY'S SMILE (AVF, Color)

Judy, a girl of primary school age, learns to take care of her teeth by brushing them properly and going to her dentist twice a year.

p-i 10 minutes $2.70

JULIUS CAESAR (IFB)

An exceptional cinematic report of a professionally staged and acted Scene 2 of Act III, the Forum scene including Mark Antony's Funeral Oration.

j-h-c 20 minutes $2.65

JULIUS CAESAR (YA)

A condensation of the play by William Shakespeare. Features Robert Speaight as Caesar, Cecil Trouncer as Brutus.

j-h-c-a 33 minutes $4.50

JUMPS AND POLE VAULT (EB)

In this subject as in others, full advantage is taken of the techniques of slow motion photography for purposes of detailed study of form. The film includes demonstration from actual competition in the running high jump, running broad jump, hop, step and jump, and the pole vault. The film provides opportunity for detailed study of the varying forms employed by champions.

i-j-h-c 11 minutes $1.50

JUNGLE ADVENTURE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

JUNGLES OF THE WORLD (KB)

Compares the jungles of South America, Central Africa, Burma and the East Indies, and shows similarities in vegetation, animal life, and the methods adopted by man to fit human life into a tropical environment.

i-j-h 11 minutes $1.85

JUNIOR CITIZEN (GA)

Shows what progressive schools are doing to train students for good citizenship. The subject matter is divided into four parts: sharing a common understanding; fitting into our economic life; conserving our natural resources; conserving our human resources.

j-h-a 19 minutes $3.00

JUNIOR COLLEGE FOR TECHNICAL TRADES (UW)

Presents the origin, purpose, administration, vocational courses, and relationship to industrial needs of community of Los Angeles Trade and Technical College, formerly the Frank Wiggins Trade School.

h-c-a 22 minutes $2.65

JUNIOR FIRE DEPARTMENT (CIS)

Story of Los Angeles Fire Department's fire prevention program in 300 elementary schools. Explains to both children and adults how Junior Fire Department operates and points out value of such a program.

h-c-a 20 minutes $3.00

JUNIOR HIGH SCHOOL STORY, THE (JHC, Color)

Visiting several junior high schools, shows how schools can further improve educational opportunities for American youth, and help them become mature and useful citizens. A guidance program is suggested as well as training in building democratic principles.

c-a 30 minutes $15.00

JUNIOR PROM (SM, Color)

Dramatization of two boys dating, calling for and taking their girls to the very important Junior Prom during which proper etiquette is effectively presented.

j-h-c 20 minutes $4.25

JUSTICE UNDER LAW
(TFC, Restricted to Classroom Use)

Filmed in documentary style, this excerpted version of a feature photoplay vividly emphasizes the ideal of justice under American law and shows a true case in which a prosecuting attorney fulfilled his duty to protect the innocent as well as to punish the guilty. The film also stresses the importance of weighing evidence carefully to prevent mob hysteria and protect the Individual's Constitutional rights.

In simple and direct fashion the film tells the story of the murder of a beloved clergyman. Public outrage at the brutal crime demands quick arrest and punishment of the killer. A suspect is picked up in the police dragnet, and seven witnesses identify him as the murderer. Ballistics experts state that the bullet taken from the body of the victim was fired from the revolver found in possession of the suspect. To all intents and purposes, it was "an open and shut case."

Interesting sequences depict the working of legal machinery in such a case, including the police investigations and line-up of suspects, the coroner's hearing and the arraignment.

When the prosecutor appears at the arraignment, he dumbfounds the court by entering a plea of innocent for the suspect. He proceeds to disprove each piece of evidence which seemed to doom the man to conviction. The adherence of the prosecutor to the ideal of his office frees an innocent man and provides a reassurance of faith in American justice.

h-c 33 minutes $4.00

KANGAROOS (EB)

Pictures the habits and behavior of kangaroos in their natural habitat in Australia.

p-i 10 minutes $1.50

KEEP THEM ROLLING (OWI)

A rousing, patriotic subject is sung, with production scenes as a kaleidoscopic background for the song. The song is sung by Jan Peerce and the audience is asked to join in the last chorus, with guiding words superimposed upon the film scenes of industry in action to "keep 'em rolling."

general **4 minutes** **Postage**

KEEP UP WITH YOUR STUDIES (C)

Treats the problem of daily assignments and how to handle them efficiently. It motivates interest in doing well on these assignments and doing them regularly. Specific and helpful suggestions on organizing study time, study materials, and study conditions are presented.

j-h-c **11 minutes** **$1.50**

KEEPERS OF THE LAMP (MPA)

Explains why four nursing students chose nursing as a career and pictures their nursing school days and the fields each choose: general duty, surgical nursing, public health, and military service.

h-c-a **20 minutes** **$3.00**

KEEPING THE PEACE (BIS)

Shows the various measures of international cooperation between the United States and the countries of Europe from the Atlantic Pact to the establishment of the North Atlantic Treaty Organization.

h-c-a **10 minutes** **$1.85**

KEEPING YOUR CAR FIT (UW)

Explains why a weekly checkup on tires, battery, engine oil, and radiator is necessary; why tires should be rotated; why a car should be lubricated regularly and the engine oil and gear lubricants changed; why the oil filter element should be replaced regularly; and why the cooling system should be inspected periodically.

h-c-a **20 minutes** **$3.00**

KEEWAH THE MONKEY KING (C)

Shows how life goes on among the Java monkeys in Singapore by tracing the life of Keewah from his babyhood to the time he becomes king of the monkeys.

p-i-j **10 minutes** **$1.50**

KEITH THE WOMBAT (LFI)

Deals with the origin, history, and habits of the wombat, an animal native to Australia.

p-i-j-h-c-a **10 minutes** **$1.85**

KENJI COMES HOME (BFC)

Pictures the struggle between democratic Christianity and Communism for the youth of post-war Japan through the story of Kenji, a young man who returns home from the war to his Christian girl friend.

h-a **35 minutes** **$7.00**

KENTUCKIE RIFLE (**AB, Color**)

Shows the pioneer carrying the Kentuckie rifle into the wilderness as he searches for a new home, using the rifle for hunting, and demonstrating the mechanism and proper care.

i-j-h-a **10 minutes** **$3.00**

KENTUCKY (**IFI, Color**)

The historical, industrial, geographical, and scenic highlights of the state.

i-j-h-a **10 minutes** **$2.70**

KENTUCKY DERBY STORY (**RKO**)

Shows the details of advance preparation for the Kentucky Derby, the mounting excitement as Derby Day approached, activities at Churchill Downs, and the 75th running, in 1949, as described by Clem McCarthy.

general **18 minutes** **$2.00**

KENTUCKY PIONEERS (EB)

The film shows how the settlers migrated to the West from the Eastern seaboard, braving the dangers and hardships to seek new lands, clearing lands and building log cabins.

i-j-h **11 minutes** **$1.50**

KEYS TO THE LIBRARY (**HOL**)

Explains the Dewey decimal system and emphasizes the open stack policy. Includes floor plan, card catalogue, Reader's Guide to Periodical Literature and other indexes, encyclopedia, dictionary, and biographical dictionary.

j-h-c-a **14 minutes** **$3.00**

KEZLI OF ZORZOR (**BFC, Color**)

An African youth, Kezli, receives medical care and education at the Christian mission in Zorzor, a village in Liberia. He adopts the Christian faith and decides to devote his life to Christian service among his own people.

j-h-c-a **30 minutes** **$10.00**

KID DOWN THE BLOCK, THE (WHF)

The generosity of the American people toward their Chinese brothers. Generous missionaries in China aid Chinese youth in their quest for a better life. A Chinese boystown, leper colony and a model school are shown and their methods of operation are illustrated. Missioners attacking Paganism and searching back alleys for more unfortunates whom they can help.

i-j-h **18 minutes** **$3.00**

KIDNAPPED (**TFC, Restricted to Classroom Use**)

A school version of 20th Century-Fox's feature picture of the same name.

i-j-h **40 minutes** **$5.00**

KIDNEYS, URETERS, AND BLADDER (B)

Gives a description of the anatomical features of the kidneys, the ureters and the urinary bladder. Animated drawings describe the functioning relationship of the parts of the system and the process of urine formation and elimination of waste matter.

h-c 11 minutes $1.85

KIDS MUST EAT (USDA)

An entertaining motion picture features the Quiz Kids, Joel Kupperman, Ruth Duskin, David Davis, and Pat Conlon, in a typical quiz session. Many people will learn for the first time on viewing the film that the Department of Agriculture is sponsoring a community school lunch program, and what they can do to get a similar program started in their own community.

i-j-h 18 minutes $2.65

KILL 'EM WITH GAS (PUFL)

Stresses the economic importance of damage done by rats and demonstrates the killing of rats with calcium cyanide gas, use of sanitation, rat proofing, and poison gas.

h-c-a 10 minutes $2.35

KILLING WEEDS WITH 2,4-D (USDA, Color)

Explains the use of 2,4-D, a chemical weed killer, describes the 2,4-D mixtures and spraying techniques and shows common weeds before and after spraying.

h-c-a 17 minutes $3.85

KINDLED FLAME, THE (UW)

Pictures a small band of Christians in the year 304 A.D., when the Roman Empire was making its final effort, by means of burning at the stake, to stamp out Christianity. Depicts the effect of these devout Christians upon Roman officials with whom they came in contact.

j-h-a 29 minutes $3.70

KING AND THE LION (ATH, Color)

Based on Aesop's Fable "Androcles and the Lion" making the point that we receive love and kindness in return for giving it.

p-i-j-h 10 minutes $3.00

KING BASKETBALL (OSFS)

Presents the court, chart showing dead and live ball rulings, fouls by offense and defense, try for goal, rebound, jump ball, etc.

j-h-c-a 26 minutes $1.50

KING COTTON (JH)

Growing and ginning of cotton, and the new uses today.

j-h-c-a 20 minutes $3.00

KING FOOTBALL (IHSA)

Presents 1949 rule interpretations of high school football. Animation is used to diagram offensive and defensive penalties. Locations and jurisdiction of game officials are shown.

h-c 33 minutes Handling charge, $1.50

KING MIDAS AND THE GOLDEN TOUCH (C)

An unusual version of this well-known fable of the king who coveted gold. Puppets created especially for filming are employed to teach the lesson. Other fantasies in this series are: Cow and the Sprite, Rumpelstiltskin, Honest Woodsman, The Legend of the Pied Piper.

general 11 minutes $1.50

KING WITHOUT A CROWN
(TFC, Restricted to Classroom Use)

In 1793, in Paris, the people are demanding the life of the king. He is guillotined and his son becomes Louis XVII, a king without a crown or throne. He is taken from his mother to be used as a pawn in bargaining. Disease is said to have caused his death, but doubt is expressed by many.

Fifty years later, a prince, the son of Louis Phillipe, appears in Green Bay, Wisconsin. He summons a priest, Eleazar Williams, who he has reason to think is Louis XVII. Williams was born of an Indian mother, he says. The prince's theory is then pictured.

The dauphin's place in a prison cell was taken by a sickly peasant boy and dauphin spirited away to America where he was left in the care of Indians. The prince now tells Williams that he is the son of King Louis XVI and requests his written abdication to forestall those who would still try to put him on the throne. Williams refuses this since he would be signing away the rights of his own son.

Later we see the aged sister of the lost dauphin reading an account of his claim published by Williams. She demands the truth from the son of Louis Phillipe who tells her that the story is an hallucination on Williams' part.

j-h-c 10 minutes $1.85

KITCHEN COME TRUE (NFBC)

Demonstrates how an old-fashioned farm kitchen may be changed into a modern and convenient room by planning and efficient conversion of existing equipment.

h-c-a 20 minutes $2.65

KITCHEN PHYSICS (UM)

Shows number of experiments which demonstrate laws and facts of physics with the utensils and materials found in the home kitchens.

h 22 minutes $3.35

KITTEN TROUBLE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

KITTY CLEANS UP (YA)

Tells the story of a small girl, Helen, and her pet cat. Helen bathes, dresses, and eats, in preparation for taking Kitty to the pet show at the school. The cat parallels Helen's actions in washing and eating.

p 10 minutes $1.50

KLEE WYCK (IFB, Color)

Klee Wyck was the name her Indian friends gave to Emily Carr, one of the most powerful and original artists of Canada.

h-c-a 15 minutes $4.25

KNIFECRAFT (ASF)

Ben Hunt illustrates the proper care and handling of the pocket knife as he prepares for and whittles a Katcina Doll lamp.

j-h 10 minutes $1.85

KNIGHTS OF THE HIGHWAY (JH)

Pictured are the safety procedures followed by the drivers of the great commercial vans which ply our highways at night and offer tips to all motorists who drive at night.

There are suggestions for safe night driving in clear weather and in fog, which include definite information about the correct use of the headlights, the maintenance of all lights, and use of safe speeds as related to the visible distance ahead.

j-h-c 22 minutes $3.00

KNOW THE EGGS YOU BUY (USDA)

Shows how eggs are graded and what the different grades mean. Tells when to buy and use the different grades of eggs.

c-a 6 minutes Postage

KNOW THE MAN AND FIND THE CAUSE (IH)

What the supervisor needs to know and practice.

c-a 24 minutes $1.00

KNOW YOUR BABY (NFBC, Color)

Illustrates approved methods of care of the new baby. A home situation is shown where other children are present. The consideration and understanding necessary until the family adjusts itself to the demands of the newcomer are noted.

h-c-a 11 minutes $2.70

KNOW YOUR CAR (UW)

Construction of a car chassis; how the engine converts gasoline into power; the function of the clutch, transmission, and rear axle; how brakes stop the car, how the electrical and cooling systems function; and what the telltale gages on the instrument panel indicate.

h-c-a 15 minutes $3.00

KNOW YOUR FOODS (LFI)

Stresses the part food plays in body development and explains the caloric value and various food types.

i 8 minutes $1.85

KNOW YOUR LIBRARY (C, Color)

Produced in collaboration with Miss Alice Lohrer, Assistant Professor of Library Science, University of Illinois, to aid students to whom a library was a bewildering or even fearsome place. Viewers will learn something of the over-all organization of a typical high school library, how to use the card catalog, something of the Dewey Decimal System, arrangement of the books on the shelves, and how to use such supplementary materials as the encyclopaedia, the Reader's Guide and the vertical file.

j-h 10 minutes $2.70

KOREA, THE LONG ROAD TO PEACE (McGH)

Pictures various military and related political events of the war in Korea between June 1950 and December 1952.

j-h-c-a 28 minutes $4.00

KOREAN BACKGROUNDS (IFB)

Photographed by American cameramen in the period following World War II and just before the present conflict. The film is documentary in form, and traces the history and social economy of the people from 19th century domination by China to the present. It is not a war film. It does, however, point out how the liberation from Japan led to a division at the 38th Parallel — the basis for the present struggle.

h-c-a 17 minutes $3.00

KRAKATOA (TFC, Restricted to Classroom Use)

We see volcanoes in Japan and visit Vesuvius, Aetna, and Mauna Loa. Streams of lava flow down mountain sides, spread over plains, flow into the sea. A map shows the volcanic belts of the earth. On an animated globe we locate Krakatoa, the scene of the greatest volcanic eruption known to man. We hear that this occurred in 1883, blew half a large island into the air, produced the greatest of tidal waves, caused an air wave that was traced seven times around the world, produced dust that dimmed the sun all over the world for months after. Diagrams show the peculiar geologic factors that made this eruption possible. A remarkable sequence shows Krakatoa erupting through the ocean to throw ashes and lava high in the air.

j-h-c 30 minutes $3.25

KREMLIN'S PROBLEM PEOPLE, THE UKRAINIANS (McGH)

Two Ukrainian refugees in the United States describe the oppression in their homeland and predict that their people will rise against their oppressors.

j-h-c-a 30 minutes $4.00

KYOTO SATURDAY AFTERNOON, JAPAN (WHF)

Narrated by Bing Crosby, the problems of Japan after the war are effectively illustrated through the pictures of their people at work and at home. A priest of the Vincent St. Paul Society is shown organizing the young men of his parish into groups to aid the hapless people in their struggle against the devastation of war.

j-h-a 22 minutes $3.00

KYOTO STORY (BFC)

An American soldier in Japan meets a missionary and inquires about mission work. A review of the typical missionary activity does not greatly inspire the G.I. It is only when he sees the missionary serving unselfishly even the least ones, trying to show all men God's real concern and love, that he becomes convinced of the great importance of the missionary enterprise.

h-a 25 minutes $6.00

LA FAMILIA SANCHEZ (SPANISH CHILDREN—IN SPANISH) (EB)

This is the story of the EB film, Spanish Children, told in simple and slow-paced Spanish. The vocabulary and sentence structure meet the needs of beginners. As we watch real Spanish people going about their daily tasks, we listen to a description about what they are doing in the language that they speak — the language which has been simplified for understanding by beginning students in Spanish. The film provides a delightful visit with a rural family of southern Spain with particular emphasis on the activities of the children of the family.

h-c-a 11 minutes $1.50

LA PAZ (CIAA)

The highest capital city in the world is La Paz, the center of a native culture that has been adjusted to living 12,000 feet above sea level since the time of the Incas. The ancient silver capital of the colonial world, Potosi, and other cities of the Bolivian highland also come into the picture. Industrial developments, Indian life and some modern trends in agriculture are illustrated.

i-j-h-c 18 minutes $2.65

LA SALLE (EB)

Highlights significant events in the triumphant, yet tragic, career of Robert Cavalier, Sieur de la Salle. Reveals him first as a young Jesuit novice who leaves the order for work in the New World. Traces his association with Frontenac, his relations with the Indians, his passage down the Mississippi, and his claiming of the Valley for France. Points out the many set-backs which hampered the attainment of his major objectives, and his ill-timed death which ended his attempt to establish a settlement at the mouth of the Mississippi.

j-h-a 22 minutes $2.65

LABOR AND CHILDBIRTH (MF)

Diagrams show the main muscles involved in labor. Explains the three stages of labor, emphasizing when to go to the hospital, what to expect there, and the need for confidence and relaxation. The birth of the baby is shown by diagrams. Also pictures the labor room, delivery room, and nursery of the hospital.

c 17 minutes $3.00

LABOR AND MANAGEMENT SERIES: SHOP STEWARD (McGH)

Dramatizes how a shop steward works with and for his men.

c-a 20 minutes $3.00

LADY MARINES (OWI)

Is the story of the Marine Corps Women's Reserve. Previous to its organization, thousands of men were engaged in handling the complicated administrative machinery made necessary by war. To free these men to fight, the Marine Corps Women's Reserve was organized. Girls from all over the country responded to the call. Interesting details of the indoctrination period are shown.

h-a 20 minutes $2.65

LADY OR THE TIGER

(TFC, Restricted to Classroom Use)

The dramatization of Frank R. Stockton's famous story in which a princess is required to choose between sending her lover to death or to another woman. The author and the picture leave the reader in doubt concerning the outcome, and the narrator's interesting commentary highlights the unusual story.

j-h-c 10 minutes $1.85

LAFAYETTE, CHAMPION OF LIBERTY (ACFC)

Pictures the colonies, in the year 1777, at war with England. Then, in a room in France, several men are talking. One of them, Gilbert de Motier, better known as Marquis de Lafayette, speaks of his admiration for the American colonists and his own love of liberty. He wishes to join them and make their fight his own. However, he doubts that the King of France will give his permission.

De Motier flees in disguise to a Channel port, evading the King's men sent to stop him. He takes passage on the first ship sailing, and lands at Charleston. From there he makes the long trip to Philadelphia to offer his services to the Continental Congress. Refused admittance at the door, he appeals by letter directly to Washington.

Sent for by Washington, he offers his services and five million francs from his own fortune. Washington replies that the most he may offer the Marquis de Lafayette in return is a commission as brigadier general. Lafayette's greatest aid to the cause was at Valley Forge. He and Washington discuss the plight of their troops, and Lafayette makes the rounds to encourage the men.

His courage carried him through a turbulent life — he labored for fifty years in France for liberty. As an old man, he requests that he be buried in France, in soil brought from the bloodstained sides of Bunker Hill.

i-j-h 11 minutes $1.85

LAFFING GAS (OF)

Dr. Chaplin takes over as a dentist. You'll feel as though you had the laughing gas too.

general 10 minutes $1.50

LAND BEHIND THE DIKES — HOLLAND (UW)

In low lands by the sea, it is possible to enlarge farming areas by draining off the water and reclaiming the land. Small, densely populated countries have found this practice to be advantageous. In this picture, we study how these principles apply to the Netherlands, a low country, nearly half of whose area is below sea level. Dutch people have been working for hundreds of years making new land by draining swamps, shallow lakes, and even the sea itself. The reclaimed land, known as Polderland, is very productive. Farm products often move to market by boat on the canals. The land has been drained by dikes, canals and windmills. Today, modern pumping stations are replacing the more picturesque windmills. The work of draining the land is still going on.

i-j-h 22 minutes $2.65

LAND FOR PIONEERS (IFB)

A survey of the natural resources of the forest belt and tundra regions of the Mackenzie and Peace River Valleys and the opportunities for settlement.

j-h-c-a 14 minutes $2.65

LAND OF CONTENTMENT
(TFC, Restricted to Classroom Use)

One of a Magic Carpet Series describing life in New Zealand with emphasis on the Maoris, the original inhabitants who have developed into a substantial social unit.

h-c-a 9 minutes $1.85

LAND OF GHENGIS KAHN
(TFC, Restricted to Classroom Use)

Presents some aspects of life in Mongolia, with emphasis on architecture and native costumes.

j-h-c-a 10 minutes $1.85

LAND OF LIBERTY (TFC)

Epitomizes more than a century and a half of American history. It is composed of sequences from 112 different feature pictures and shorts, plus newsreels, and portrays the story of men and women who struggled to attain and defend American liberties.

It is divided into 4 units as follows:

Reel I — Colonial Period to 1805
Reel II — 1805-1860
Reel III — 1860-1890
Reel IV — 1890-1938

general Each reel 22 minutes, each reel, $1.50
Set of 4 $4.20

Note: Regulations governing the use of films from Teaching Films Custodians (see page 5) have been modified for showing of this film. It may be shown by any nontheatrical group which desires to use it for patriotic purposes provided no admission is charged.

LAND OF MEXICO (EB)

The origin, history, and present status of the people who now make up the population of Mexico are shown. Being chiefly an agricultural nation, emphasis is put on the habits and customs of the people in rural areas. Corn harvesting and grinding, home-building, beverage preparation, pottery-making, and handicraft work are among the activities shown. A clear portrayal of the culture patterns of the Mexican people is useful in focusing attention on current and persistent social problems which they face.

j-h-c 11 minutes $1.50

LAND OF MONTEZUMA (HOP)

Scenes in Mexico City and the surrounding countryside.

j-h-c-a 9 minutes $1.85

LAND OF PROMISE (IFB)

The first part shows the situation in England after World War I. The second part shows how the effects of bad housing came to light when the men were called into the service in World War II. Part three shows the housing situation just after the latter war ended and argues for a planned economy.

h-c-a 1 hour 7 minutes $12.50

LAND OF THE AZTEC (ICS)

This film pictures the glory of the ancient civilization and the Mexico of today.

i-j-h 11 minutes $1.85

LAND OF THE BENGAL
(TFC, Restricted to Classroom Use)

Presents a travelogue of life in Calcutta.

j-h-c-a 10 minutes $1.85

LAND OF THE INCAS (IFI)

Presents ancient and recent history.

i-j-h-a 11 minutes $1.85

LAND OF THE LONG DAY (NFBC, Color)

Presents the life of the Eskimos in Baffin Island as an unceasing struggle for survival in a harsh land, and depicts the chores of the family in camp, the hunting of seal, white whale, and narwhal.

j-h-c-a 45 minutes $10.00

LAND OF THE MAPLE LEAF (TFC, Restricted to Classroom Use)

A travelog of Canada, including a close-up of a moose eating. The commentator discusses the strength of the moose and its desire for solitude. Accompaniment of choral singing; "The Maple Leaf Forever" is sung at the conclusion.

j 10 minutes $1.85

LAND OF THE PYRAMIDS (UW)

Shows scenes of cosmopolitan Cairo, the colorful desert caravans, treasure hunters at work, and the discovery of a royal mummy.

j-h-c-a 11 minutes $1.85

LANDING (CAA)

Explains and illustrates: the steps in landing; advantage of landing upwind; use of the controls in gliding; overshooting and undershooting; difficulties in leveling off; what to do after touching the ground; use of sideslipping to lose altitude.

h-a 8 minutes Handling charge, $1.00

LANGUAGE OF DRAWING (McGH)

This film attempts to provide a sensible and acceptable answer to the question, "Why study mechanical drawing?" and to stimulate the beginning student's interest in the subject. (For other titles in this series see AUXILIARY VIEWS PART I.)

h-c 11 minutes $1.85

LANGUAGE OF GRAPHS (C)

Illustrates how clearly graphs can sum up a situation by showing boys and girls considering the financial and circulation problems of their school newspaper with bar, line, circle, and equation graphs to picture relationships and make comparisons.

j-h-c-a 12 minutes $2.65

LANGUAGE OF MATHEMATICS (C)

Here is a practical application of mathematical terms; one that shows how mathematics is fundamental to our society and to every phase of modern living. In this film students see "in action" the precise and meaningful symbols of mathematics. They learn how this unique language helps them to state — and solve — problems more rapidly and accurately. A review of the use of graphs, measurements, and numerical operations is clearly presented in the conclusion.

j-h 11 minutes $1.50

LAPLANDERS (EB)

The reindeer Laplanders follow the reindeer herds for their food, clothing and other necessities of life. Some of the children get jobs in the cities, but the people who love the nomadic life of following the reindeer herds still continue. Shows handling the reindeer, milking them, picking out the ones to be butchered, and taking care of the meat, hides, and horns.

i-j 10 minutes $1.50

LASCAUX, CRADLE OF MAN'S ART (IFB, Color)

Shows paintings by prehistoric man in the Lascaux Cave in Southern France, and tells briefly something of prehistoric man.

c-a 20 minutes $10.00

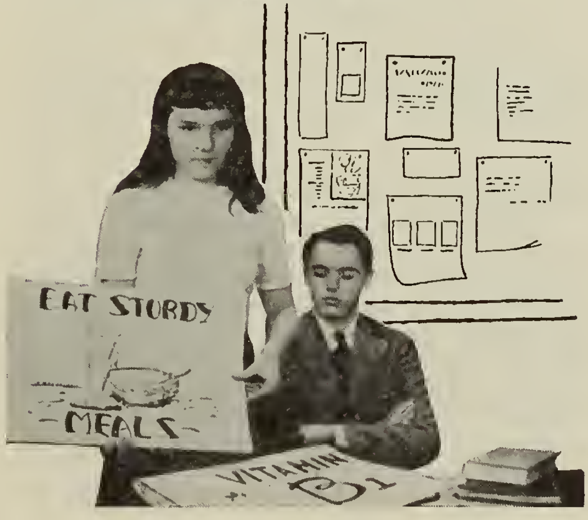
LASSEN VOLCANIC NATIONAL PARK (AB, Color)

Presents the most significant features of the region; explains the geological background of the area and the forces of nature active there today.

j-h-c-a 10 minutes $2.70

Art of Teaching

BROADER CONCEPT OF METHOD, PARTS I AND II
A CHILD WENT FORTH
DESIGN OF AMERICAN PUBLIC EDUCATION
MAINTAINING CLASSROOM DISCIPLINE
SCHOOL AND COMMUNITY
WHAT GREATER GIFT
WHO WILL TEACH YOUR CHILD



LAST DATE (MTP)

A film on "teenicide" which tells the story of four teenagers whose lives were tragically affected by the reckless driving of one of them. Designed for audiences of both parents and youngsters.

j-h-c-a 20 minutes $3.00

LAST INSTALLMENT
(TFC, Restricted to Classroom Use)

Deals with young convict who has been influenced by reading all but the last installment of a serialized biography of a gang lord, is dissuaded by prison warden by having him meet the "big shot" who is in prison for life.

h-c-a 20 minutes $3.35

LAST LESSON, THE
(TFC, Restricted to Classroom Use)

This is the story of a little French village in 1870 just after the occupation of France by Germany. A French schoolmaster is teaching his last lesson before the German school teacher comes to take his place.

j-h-c 10 minutes $1.85

LAST OF THE WILD WEST (McGH)

Presents a tour of Big Bend National Park in Texas, with scenes of a petrified forest, deserted forts, ghost towns, and momentos of the Old West. Shows how the United States and Mexico have cooperated in patrolling the border.

j-h-c-a 18 minutes $2.65

LAST SUPPER (LWF, Color)

Depicts the last discourse which Jesus had with the twelve disciples, as recorded in the Gospels — adapted from the Zion, Illinois, Passion Play.

h-a 20 minutes $4.25

LATHE, THE (UW)

Functions, characteristics and basic operations of the engine lathe.

h-c-a 15 minutes $3.00

LATITUDE AND LONGITUDE (UW)

Interpretation of latitude and longitude as angular distances from given points, rather than as imaginary lines. The use of latitude and longitude to determine a position is indicated. Film technique has been used to show section of the globe, thus demonstrating the relation between angles subtended at the center of the globe or at the axis and linear distance on the surface of the globe, also to show the connection between lines of latitude and longitude and angles subtended in the interior of the world.

j-h-c 11 minutes $1.50

LAUNDERING AND DRY CLEANING (VGF)

A trip through a laundering and dry cleaning plant shows types of work, extensive training needed, machine operations, etc. Made for vocational guidance use.

j-h-c 10 minutes $1.85

LAW AND SOCIAL CONTROLS (C)

The nature of law and social controls remains basically the same, whether demonstrated on a world-wide basis or in a relatively minor incident. Three broad areas of social control are established: customs, moral codes, and laws. Then some levels of law are explained: local, state, national, and others.

j-h 10 minutes $1.50

LAW OF DEMAND AND SUPPLY (C)

Tim, who is in the bicycle-rental business, shows how the law of supply and demand affects business.

h 11 minutes $1.50

LAWS OF MOTION (EB, Color)

Graphically explains the three laws of motion and points up important events leading to the discovery of them. Simple experiments with moving balls illustrate the theory of the laws, while other examples provide dramatic evidence of the application of these laws to everyday experience. Included in the film are appropriate demonstrations of autos, in motion on curves and slippery surfaces, and a locomotive, an airplane, and a revolver in action.

j-h 12 minutes $3.85

LAYING OUT AND FORMING PLYWOOD (UW)

Shows how to lay out plywood using blueprints and templates; how to form plywood in a press; how to reinforce plywood; how to apply and remove pressure strips; how to cut out openings in plywood; and how to apply glue and varnish.

h-a 21 minutes $3.00

LAYING OUT SMALL CASTINGS (UW)

Shows in detail the methods and procedures used when laying out a small casting for drilling. The location of a reference point and the necessity for working from this reference point when laying out such castings is emphasized. Concludes by emphasizing for accuracy in all layout work.

h-a 16 minutes $2.65

LAYING THE ATLANTIC CABLE (KB)

Scenes aboard a cable layer bound from Newfoundland to the Azores. Explains depth sounding and shows how a telegraphic cable is constructed and laid.

i-j-h 11 minutes $1.85

LAZY RHYTHMS (OF)

Starring the Mills brothers singing "Lazy River," "Rockin' Chair" and "Till Then."

general 11 minutes $1.50

LE MONT SAINT-MICHEL (GB, Color)

A language-teaching film of esthetic and imaginative appeal. Helps to illustrate linguistic patterns and teach vocabulary, as well as present an aspect of French culture.

h-c 10 minutes $3.00

LEAD FROM MINE TO METAL (USBM, Color)

The many uses of lead in everyday life, and the way in which men "fish" for lead deposits. We see the modern mining methods and the refining and working of the ore after it comes from the mine. The refined lead is distributed for use in thousands of products.

j-h-c-a 30 minutes $1.00

LEAD US NOT INTO TEMPTATION (ADM)

A man once blinded by temptation for which he paid his debt is now trying to make a clean start in life; he turns to the teaching of Christ. When he is again confronted with temptation, his new-found understanding of God's laws gives him strength to resist and thus merit the faith of his fellow men.

h-a 10 minutes $1.85

LEADERS FOR LEISURE (ASF, Color)

In an average town planning for a recreation program, trained leaders are hired who set up plans and objectives for the total program, and survey the needs of the children and adults.

h-c-a 20 minutes $4.25

LEARN AND LIVE (CAA)

Dramatizes some of the more common errors in flying safety, and emphasizes the necessity for the pilot giving constant attention to the job of flying his airplane.

h-c-a 45 minutes Handling charge, $1.00

LEARN TO ARGUE EFFECTIVELY (C)

Argumentation is essential to democratic living and everyone should learn to argue purposefully and soundly. This film clarifies the role of persuasive argument. It shows when arguments are purposeful, what subjects are good and bad and what is a basis for a profitable argument.

j-h-c-a 11 minutes $1.50

LEARN TO SWIM (USDA)

This subject shows the "confidence method" of learning to swim as demonstrated by CCC boys and Olympic champions in famed Silver Springs, Florida. Boys illustrate the proper method of getting used to the sensation of being in the water. Next proper breathing is taught, and in shallow water they practice the flutter kick and floating. The arm movements suggested for beginners include the dog paddle stroke, sculling, and finning, after which the crawl stroke is demonstrated. The last step is learning to turn. Experts show the three kinds of kicks, and the several strokes recognized in competitive swimming.

i-j-h 20 minutes $2.65

LEARNING A NEW WAY (MOFF, Color)

A high school senior films his social studies class project at College High School, State Teachers College, Montclair, New Jersey. The theme is knowing one's community better and the topic for exploration is the industries. The idea of cooperative planning in the learning process is featured.

h-c-a 11 minutes $2.70

LEARNING ABOUT OUR BODIES (C)

Presents the basic structure of the human body and the position and function of the major organs, and teaches that the body must be kept in good condition if it is to work properly.

i-j 10 minutes $1.50

LEARNING ABOUT SOUND (EB)

Introduces the basic concepts about sound. Experiments which cannot be performed easily in school reveal how sound is made, how it travels and how it is perceived.

i 8 minutes $1.50

LEARNING ABOUT THE PAST (IU, Color)

Shows methods used by archaeologists to discover, excavate, study, and interpret a buried prehistoric American Indian culture whose unwritten record lies in physical remains and features. Filmed at the Angel Mound Site on the banks of the Ohio River near Evansville, Indiana.

h 10 minutes $2.70

LEARNING AND GROWTH (EB)

Attempts to clarify some of the principles which govern the learning process. Learning abilities for a child from twenty-four to forty-eight weeks is described. Also the relationships of age, growth, and learning are indicated and learning in older children is pointed out.

c-a 11 minutes $2.35

LEARNING FROM CLASS DISCUSSION (C)

Discussion is a vital part of our everyday life and this film offers some excellent pointers on the value and necessities of worth-while discussion. Students see that this organized conversation helps clarify ideas and provides for an interchange of information. Some of the "ingredients" of a good discussion are outlined for consideration by the audience.

j-h 11 minutes $1.50

LEARNING THROUGH COOPERATIVE PLANNING (TC)

Shows how elementary school children can learn to plan cooperatively.

c-a 22 minutes $3.00

LEARNING TO DRAW (CAP)

Fundamentals of perspective as treated in the drawing text by Bruce McIntyre. The simplified teaching methods are practiced in the audio-visual drawing program under the authors direction. The Vu-Graph overhead projector appearing in this scene is used to project the animated drawings shown throughout the film.

j-h-c-a 11 minutes $1.85

LEARNING TO SAIL (SF)

Story of a boy teaching his girl how to handle a small sailing boat. The ship's tackle and various sailing maneuvers are explained.

i-j-h-a 9 minutes $1.85

LEARNING TO STUDY (EB)

An exploration into the value, use and method of good study. Questions involving the reason for good study habits are explored and the reasons for developing proper study habits are answered.

j-h-c 14 minutes $2.25

LEARNING TO SWIM (YA)

Demonstrates and explains the six fundamental steps required of the beginner in learning the Australian crawl: developing confidence while in the water, learning to use the body's buoyancy, learning leg action, arm action, correct breathing, and the full crawl stroke.

i-j 11 minutes $1.85

LEARNING TO UNDERSTAND CHILDREN: PART I, DIAGNOSTIC APPROACH (McGH)

Diagnostic and remedial study of the educational, social and emotional problem of a ninth grader. (For other titles in this series see BROADER CONCEPT OF METHOD PART I.)

c 21 minutes $2.65

LEARNING TO UNDERSTAND CHILDREN: PART II, REMEDIAL PROGRAM (McGH)

A continuation of the first film. Teacher does all she can to help pupil overcome shyness and maladjustment to school life. (For other titles in this series see BROADER CONCEPT OF METHOD, PART II.)

c 23 minutes $2.65

LEATHER WORK (GAF)

Demonstrated is the making of a coin and key purse. A number of leather articles are displayed. A few of the most popular types of leather — snake, goat, pig, steer, calf and cow — are shown. The pattern is cut. The design is transferred to the dampened leather. The modelling is done. India ink, blended with water, provides permanent colors. The holes for lacing are registered from the pattern and punched with a hand punch. A drive punch is used for the snap buttons and the key plate. An eyelet spreader fastens the key plate. Parts are laced together. The ends are cemented inside the coin purse. A chemical compound readily available is used to clean, polish and preserve the leather.

j-h-c 10 minutes $1.85

LEAVES (EB)

Structure, functions, and types of leaves; shows in detail the parts of a leaf and a cross-section illustrates the arrangement of cells and veins for the manufacture of food. The process of food-making is seen in animation.

i-j-h-c 11 minutes $1.50

LEGEND OF MARY (TTV)

Puppets act out the Christmas Story.

p-i-j-h-c-a 15 minutes $4.00 December, $2.00 other times

LEGEND OF SLEEPY HOLLOW

A condensation of the silent film entitled "The Headless Horseman," starring Will Rogers. Narration and music have been added.

i-j-h-c 30 minutes $3.70

LEGEND OF THE PIED PIPER, THE (C)

A delightful fantasy employing puppets created especially for films. Besides being entertaining, it is educational and teaches that "we should keep our word." See listing of other fables in this series: COW AND THE SPRITE, RUMPELSTILTSKIN, HONEST WOODSMAN, KING MIDAS AND THE GOLDEN TOUCH.

general 11 minutes $1.50

LEGISLATIVE PROCESS, THE (IU)

Presents detailed information about various steps through which a bill must pass to become a law, using the General Assembly of Indiana as an example of a state legislature in action.

j-h-c-a 29 minutes $4.00

LEOPOLDVILLE (FON)

The capital of the Belgian Congo, a city of surprising modernity and high standard of living. Industries, customs and daily life are shown.

h-c-a 17 minutes $2.65

LES MISERABLES (TFC, Restricted to Classroom Use)

A school version of the feature-length dramatization of Victor Hugo's novel.

h-c 40 minutes $5.00

LESSON IN COURAGE (On Washington's Birthday) (EB, Color)

Children pantomime incidents associated with George Washington and have a party for Washington's birthday.

p 5 minutes $1.60 (One day only)

LESSONS FROM THE AIR (BIS)

The children of Britain have good modern schools and enthusiastic teachers but their mental experiences would be limited to their immediate locality were it not for the British Broadcasting Corporation's daily educational broadcasts to Britain's schools. Describes the detailed planning which lies behind these broadcasts.

h-c-a 14 minutes $2.65

LESSONS IN LIVING (NFBC)

Shows how a school project revitalized a community by giving the children a part in community life.

h-c-a 22 minutes $2.65

LET ME SEE (UC, Color)

Deals with a school for blind children, showing what parents may do to help the blind child, and how such children may be helped to become useful members of society.

h-c-a 20 minutes $4.25

LET'S BE AT HOME IN THE WATER (POR)

Tells how Jerry learns to relax and enjoy playing in the water, and how he learn the rules for playing safe so he can have fun in the water without getting hurt.

p-i 10 minutes $1.85

LET'S BE CHILDISH (ECA)

In this film, set against backgrounds of the ice-capped French Alps, the children of all the countries teach a lesson in international cooperation. Working together to build a snow city, they win a prize more valuable to them than anything they might have gotten through individual enterprise.

j-h-c-a 20 minutes Handling charge, $1.00

LET'S BE GOOD CITIZENS AT PLAY (GA)

Shows good sportsmanship at play in a typical community street.

p 8 minutes $1.85

LET'S BE GOOD CITIZENS AT SCHOOL (GA)

The children at Grovedale show how to be good citizens at school by getting to school on time, being a big brother or sister to newcomers, thinking ahead to avoid disturbing others, doing things together in class.

p-i 10 minutes $1.85

LET'S BE GOOD CITIZENS IN OUR NEIGHBORHOOD (GA)

The following points are made; helping to improve the neighborhood, being polite to neighbors, respect for neighbor's property, helping others in the neighborhood and taking pride in your neighborhood.

p 8 minutes $1.85

LET'S BE GOOD CITIZENS WHEN VISITING (GA)

Jack and Susan learn the importance of being good citizens when visiting away from home.

p 8 minutes $1.85

LET'S BE SAFE AT HOME (POR)

Five incidents are dramatized, based on the main accident causes in the 5-14 age group. In each case an unsafe attitude is corrected before harm results, proving that one is not likely to get hurt when remembering to be alert, careful, courteous and considerate.

p-i 10 minutes $1.85

LET'S CATCH REPTILES (BFS, Color)

Ted, Dick and Susan go on a collecting trip in the fields near their home. They find a Brown-shouldered Lizard, a Bluebellied Swift, a Bluetail Skink, a Horned Lizard, a Tortoise, and a King Snake.

i-j 11 minutes $2.70

LET'S COUNT (C)

The children in this film learn that counting is much more than a mere repetition of consecutive numbers. Through the problems of counting a group of baby chicks, blocks of a house, a bag of marbles, and others, they learn to distinguish between cardinal and ordinal counting, that numerical symbols are easier to use than tally marks, and that counting can help them answer the questions, "How many?"

p 11 minutes $1.50

LET'S DRAW WITH CRAYONS (C, Color)

Classroom use of crayons (including how to handle, care for, and store); demonstrates some of the interesting art effects, expressions, and satisfaction that can be achieved through different crayon techniques.

i 11 minutes $2.70

LET'S GIVE A TEA (EB)

Proper conduct at tea time — accepted procedures of dress, invitations, guest lists, etc., woven into story form. How to arrange a teatable including selection and placing of cloth, centerpiece, candles, service, cups, spoons, napkins, and food. Points out that rules of etiquet are practical and show consideration for guests.

j-h-c-a 20 minutes $2.65

LET'S GO FISHING (OF, Color)

Opens with universality of sport and proceeds from countrybrook and string-fishing to the oceans and mechanical harpoons. Included also are fishing trips for different types of salt water game fish, and the problems and thrills of catching the sailfish, tarpon, swordfish, and whales. Ends with capture of a 60-foot twenty-ton whale.

j-h-a 10 minutes $3.00

LET'S GO TO THE CIRCUS (IFI)

Presents a "ringside" seat under the big tent of a three-ring circus to see aerial ballerinas, acrobats, clowns, racing horses, and elephants.

i-j-h 11 minutes $1.85

LET'S GO TO THE MOVIES (TFC, Restricted to Classroom Use)

Presents an over-all picture of the background, development, and technical advances made by the motion picture throughout the years. In a rapid review of the motion picture's progress from its inception, stars and scenes from milestones of motion picture history are presented.

general 11 minutes $1.50

LET'S GO TROOP CAMPING (GSA)

Shows step by step preparations of a group of Girl Scouts and their leaders for a camping trip. The general purpose of the film is to give Girl Scout leaders the skills and confidence they need to plan for camping with their troops, and thereby encourage more troop camping. It brings out the many individuals and groups in the community who helped in various ways to make the trip possible.

h-c-a 20 minutes $3.00

LET'S HAVE FEWER COLDS (C)

Simple practices can reduce substantially the number of colds we get each year and this film points out these habits — vividly and positively. Children, and their parents, learn here the importance of avoiding contact with people having colds, avoiding chilling or overheating, and establishing good health that will prevent colds.

p-i-a 11 minutes $1.50

LET'S LOOK AT ANIMALS (YA)

An all animation film which introduces the child to animal movement, coverings, protection, food getting, environment, etc.

p-i-j 11 minutes $1.85

LET'S LOOK AT ELEPHANTS (McGH)

Contrasts Asiatic and African elephants leading natural lives and in their captured state. Also close-up shots show details of their skin, hair, ears, eyes, etc.

i-j-h-a 16 minutes $2.85

LET'S MAKE A CAKE (EB, Color)

Demonstrates a simple, efficient way to make a birthday cake.

j-h-c-a 5 minutes $2.00

LET'S MAKE A CASSEROLE (EB, Color)

Illustrates an appetizing way to use cold chicken in a casserole.

j-h-c-a 5 minutes $2.00

LET'S MAKE A MEAL IN TWENTY MINUTES (EB, Color)

Shows how Sally can utilize her mother's emergency canned-goods shelves to turn out a hot meal in very little time.

j-h-c-a 5 minutes $2.00

LET'S MAKE A PIE (EB, Color)

Shows Sally Gasco working in the well-equipped kitchen of her family's home.

j-h-c-a 5 minutes $2.00

LET'S MAKE A SALAD (EB, Color)

Pictures Sally learning how to create attractive and delicious tossed salad for her mother's luncheon party.

j-h-c-a 5 minutes $2.00

LET'S MAKE A SANDWICH (EB, Color)

Shows two boys' ideas of good sandwiches in contrast with the more attractive tuna rarebit sandwiches that Sally prepares for her guests.

j-h-c-a 5 minutes $2.00

LET'S MAKE CONCRETE (PCA, Color)

Emphasizes the uses of concrete on the farm, particularly as a yard for livestock and as feeding floors. Shows how to mix concrete for various purposes; shows how to make footings and how to construct concrete floors.

Available to Illinois users only.

h-c-a 20 minutes No charge

LET'S MAKE PUPPETS (LFI)

Simple steps, narrated on how to make puppets out of newspapers, flour paste, crayons and a little ingenuity.

p-i 10 minutes $1.85

LET'S MEASURE: INCHES, FEET AND YARDS (C)

Jimmy and his father use a ruler to measure Jimmy's height, and examine the ruler, indicating the units of lengths. Jimmy then plays a game of finding the length of familiar objects, and begins to learn how to estimate inches, feet, and yards.

p 10 minutes $1.50

LET'S PAINT WITH WATER COLOR (C, B&W or Color)

The main objectives of this film are to motivate interest in creative water color painting, to motivate careful use of water color equipment, and to illustrate some methods and skills of water color painting. Different ways to use water color correctly are contrasted with the bad results that come when the correct ways are not used. Children will see the benefits of organizing their work, keeping their paints and paint-trays clean, of changing paint water and taking care of their brushes. Three basic techniques for achieving different effects in the pictures painted are clearly demonstrated.

p-i 11 minutes B&W $1.50, Color $2.70

LET'S PLAY BADMINTON (GSC)

Coach and manager of the International team, Mr. Davidson, demonstrates fundamental strokes in slow motion and shows a family playing the game in a back yard.

j-h-c-a 16 minutes $2.85

LET'S PLAY FAIR (C)

Sharing, taking turns, obeying rules are some of the basic elements of fair play that Herbie and his brother Bill discover in this picture. Although it sometimes takes careful consideration, fair play is the way to have the most fun.

p-i 10 minutes $1.50

LET'S PLAY SAFE (POR, Color)

Combining live photography and animation this film shows school children on the playground. Six playground incidents are dramatized showing hazardous situations developing. Just as it appears that someone will get hurt the action is stopped, and animated characters show what might happen. Then the children are given opportunity to repeat their performances, but to correct their attitudes and do it safely.

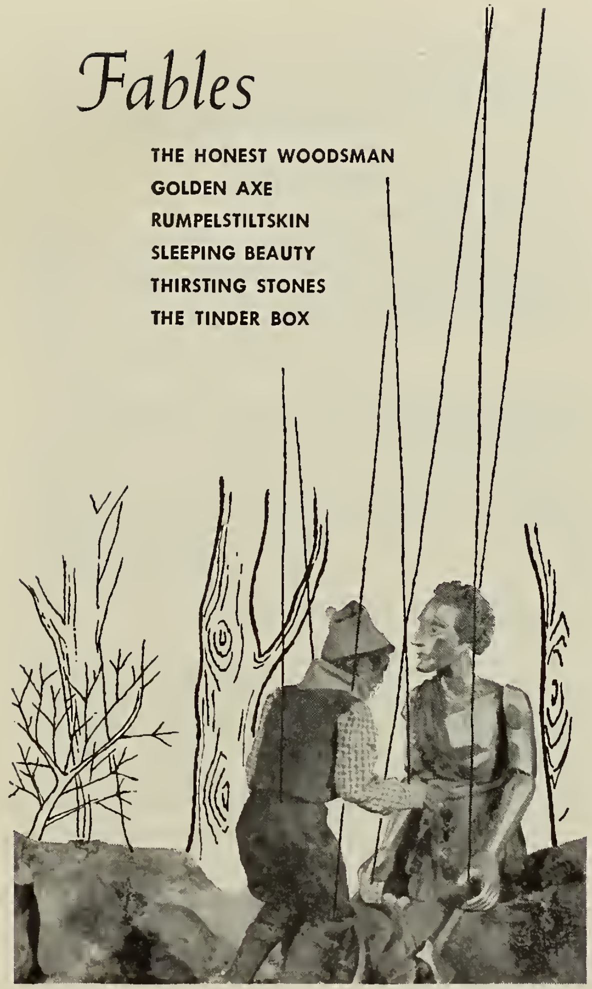
The unique device of switching from live photography to amusing animation to show dangerous situations, the easily remembered names of the six offenders, and the positive approach throughout should make this film very effective for motivating an interest in safety on the playground, especially on the intermediate grade level.

general 11 minutes $2.70

LET'S PLAY WITH CLAY: ANIMALS (YA)

Demonstrates the general character of clay, how to handle it, how to keep it smooth, how to keep it from breaking, and how to obtain a satisfactory finish. Shows how to make such simple forms as a bird, pig, rabbit, fish, cat and snowman — all by means of hand operations.

p-i-j 11 minutes $1.85



Fables

THE HONEST WOODSMAN
GOLDEN AXE
RUMPELSTILTSKIN
SLEEPING BEAUTY
THIRSTING STONES
THE TINDER BOX

LET'S PLAY WITH CLAY: BOWLS (YA)

Sequel to LET'S PLAY WITH CLAY: ANIMALS. Begins with rolling a piece of clay between the hands to make a ball, then shows how this can be worked by hand into a variety of shapes — a teacup, saucer, cream pitcher, sugar bowl, and several decorative bowls.

p-i-h 11 minutes $1.85

LET'S PRONOUNCE WELL (C)

A teacher helps a sixth-grader, who finds his pronunciation is so indistinct as to be unintelligible, to enunciate words and syllables carefully, to speak clearly and naturally, and to be actively aware of correct pronunciations.

i-h 10 minutes $1.50

LET'S READ POETRY (BFS)

Tommy, a boy of 13, reads several poems and the narrator shows him how he could better understand what he reads. Designed to help the teacher stimulate interest in the reading of poetry, and to help the student understand what he reads.

i-j 10 minutes $1.85

LET'S SHARE WITH OTHERS (C)

Various examples of sharing are shown to demonstrate to children that sharing is a desirable and essential discipline of democracy. The inherent or natural limitations of sharing are illustrated but the new values and pleasures that come with sharing are emphasized.

p-i 11 minutes $1.50

LET'S SQUARE DANCE: SPLIT THE RING (IU, Color)

Gives instructions for performing the figure, including the balance, grand right-and-left, and promenade.

j-h-c-a 10 minutes $2.70

LET'S SQUARE DANCE: TAKE A LITTLE PEEK (IU, Color)

Gives instructions for performing the figure, including the setting up of a square, swinging, honoring partner and corner.

j-h-c-a 10 minutes $2.70

LET'S STOP AND GO SAFELY (POR)

Shows how each child can be "his own traffic policeman" by learning and following the rules for safety in traffic.

i-j 10 minutes $1.85

LET'S VISIT A POULTRY FARM (C)

Gives students an opportunity to tour a poultry farm with Betty, a young city dweller.

p-i 11 minutes $1.50

LETTER FROM A PILOT (CAA)

A documentary on how a scheduled air carrier operator, like Trans-World Airlines, works. A TWA pilot answers a letter of commendation from a passenger and in the process shows how an airline functions as a team. Scenes show operations, reservations, food service, overhaul, "Connie" construction at Lockheed and flight shots across the country.

j-h-c-a 30 minutes Handling charges, $1.00

LETTER FROM CHINA (CCH)

Takes the form of a letter written back to America by Walter Smith, a missionary, upon the occasion of the arrival of new missionaries in China. Walter Smith suddenly sensed the newcomers thought of him as an old and knowing China hand. This brought back memories of the Smiths' first year on the field.

j-h-a 30 minutes $3.70

LETTER TO A REBEL (McGH)

Presents a visualized letter from a newspaper editor to his son in college, answering an editorial written by the son in his college paper in which he fancies himself a rebel against the established order.

h-c-a 16 minutes $2.65

LETTER TO GRANDMOTHER (C)

When Mary goes to mail her letter a friendly postman invites her to visit the post office. She does so and learns how mail is collected, cancelled, sorted and sent to its destination via railway, mail car and RFD carrier to her Grandmother's.

p-i 20 minutes $2.65

LEVEL FARMING ON SLOPING FIELDS (Case, Color)

Pictures the application of modern power farming equipment to soil conservation practices, and demonstrates contour farming, contour strip farming, and pasture improvement.

h-c-a 10 minutes $1.00

LEVER-AGE (SOC)

Deals with man's use of the principle of the lever through its many refinements from the early crowbar to modern, smooth running gears.

h-c-a 20 minutes $2.65

LEWIS AND CLARK (EB)

Tells the story of the expedition made by Merriwether Lewis and William Clark to explore the land from the Mississippi to the Pacific Coast. Follows their party up the Mississippi River to Mandan Indian territory in North Dakota where they established winter camp. Portrays their meeting with the Frenchman Charbonneau and his Indian wife Sacajawea who became their guides. Continues with them across the northern Rockies and down the Columbia River to its mouth. Reveals details of scientific exploration with respect to topography, natural resources, and plant and animal life.

j-h-a 22 minutes $2.65

LIBERAL EDUCATION (USN, Color)

John Paul Jones wrote that naval officers should be "men of liberal education." And, in using his words as guide to officer education, the United States Navy provides a most liberal education for its scholarship students enrolled at colleges under the NROTC training program. For four years, the young man in naval training gets the best in liberal education with summers spent at sea, putting to use what he has learned in his naval science classes. When the four years are through, he has become a well-educated naval officer.

h-c 20 minutes Handling charge, $1.00

LIBERIA, AFRICA'S ONLY REPUBLIC (ASF, Color)

Starts with brief description of the geography, history, and topography of the country, surveys the flora, fauna, manners, and customs of the people. Also included is an exposition of the rubber planting and harvesting on the Firestone plantations.

j-h-c-a 29 minutes $5.85

LIBRARIAN (VGF)

A requisite for becoming a librarian is a liking to bring people and books together. The usual types of activity a general and specialized kind of librarian must engage in are well illustrated from scenes taken in libraries. The film is of value in a guidance program.

h-c 11 minutes $1.85

LIBRARY OF CONGRESS (UW)

A pictorial tour of the Library of Congress showing its many and varied facilities and activities.

j-h 20 minutes $2.65

LIBRARY ORGANIZATION (C)

High school and college students are expected to have a certain basic knowledge of the organization of the libraries they use, but this basic knowledge is not enough for really efficient use of the library. A more detailed understanding of library organization speeds up work in the library and makes for better studying and better use of study time. By explaining the card cataloging system and the Dewey Decimal System in use in one typical library, the film provides students with the means for making their libraries convenient and easy to use treasure houses of information.

j-h-c 11 minutes $1.50

LIBRARY STORY (EB, Color)

Portrays the ways in which a modern public library serves its community. Dwells on the varied interests of "regular" readers, children, teen-agers, blind people, and those interested in music, showing how the library helps them all. The film takes us to many parts of the library including the children's room, conference room, reference room, catalogue and microfilm sections, and the art balcony.

h 15 minutes $4.25

LIFE ALONG THE WATERWAYS (EB, Color)

Shows the plants and animals which may be seen in a yearly cycle of life near a New England brook and river.

p-i 11 minutes $2.70

LIFE BEGINS (EB)

Twenty-four years of clinical practice and research on problems of infancy at the Yale Clinic of Child Development is culminated in this valuable and thorough film devoted to the behavior of children. Many comments relative to the education and mental hygiene of infants and the obligation of home, science, school and society to promote the infant's welfare are made. (See LIFE WITH BABY.)

h-c 66 minutes $10.00

LIFE CYCLE OF A FLY (UW)

Shows the life cycle of the blue bottle fly.

j-h-c-a 10 minutes $1.50

LIFE CYCLE OF A FROG (UW)

Presents a thorough and comprehensive treatment of the development of the frog from the fertilization of the egg to the emergence of the adult. The film's independence of actual time enables growth processes and movements to be sped up, and by means of close-up photography and photomicrography, a detailed analysis of structure and growth can be made by the entire audience simultaneously.

i-j-h-c 10 minutes $1.50

LIFE CYCLE OF A TROUT (UW)

Shows the process of fertilization and the development of the germinal disc and yolk-sac, and the formation of the tail, head region, sense organs, gill-clefts, and vascular system. Examines in detail the structure of the embryo shortly before hatching.

h-c 10 minutes $1.85

LIFE CYCLE OF THE MOSQUITO (YA)

A film describing the life cycle, structure, and feeding habits of the mosquito. Live action plus animation is used to show the anatomy of the mosquito egg, the larvae and pupal cases.

h-c 12 minutes $2.25

LIFE IN A DROP OF WATER (C)

These basic concepts are presented: (1) basic necessities of animal life; (2) simplest forms of plant and animal life; (3) colonial forms of simple animal life. The various single-celled forms are shown in relation to their environment, meeting the minimum problems of all life, and the relative advantages of colonial over individual life.

i-j-h 11 minutes $1.85

LIFE IN A FISHING VILLAGE (C)

The colorful village of Gravarna, Sweden, is typical of fishing villages the world over. Here we meet Nils Larson and his family, see them at work, at school, at play. We get a revealing, behind the scenes, picture of the fishing industry, including a trip out to sea with the fishing fleet. Through this film students will get a better understanding of the part such a village plays in the world community today.

i-j-h-c 10 minutes $1.85

LIFE IN A GARDEN (McGH, Color)

Presents 23 species of insects, mammals, and birds likely to be found in the suburban or rural garden, and shows how they survive in a natural habitat with each other.

i-j-h-c-a 17 minutes $4.25

LIFE IN A POND (C)

Pond life is presented "in action" here showing students microscopic animals, food-chains, and a wealth of plant and animal life that provide examples of important principles of natural science. Blends natural setting scenes and controlled set-ups with a wide variety of underwater and microscopic scenes.

i-j-h-a 11 minutes $1.50

LIFE IN AN AQUARIUM (YA)

Shows the setting up of a classroom aquarium stocked with goldfish, snails and tadpoles. Explains how fish breathe under water and that all animals need oxygen. Shows the difference between lungs and gills, how fish use their tails and fins for locomotion, the stages of the development of the frog from the tadpole, and explains how the snails move about and protect themselves.

p-i-j 11 minutes $1.85

LIFE IN CENTRAL VALLEY OF CALIFORNIA (C)

Nowhere is man's conquest of nature through using nature itself more perfectly illustrated than in the Great Valley of Central California. Only a handful of the early settlers tried to make this forbidding, hot and dry land support them. Then they began to dig wells, build dams — began to give this naturally fertile soil the precious water it needed. And today, its luxurious abundance of many different crops, its thriving cities, boast of man's prosperity there.

j-h 10 minutes $1.85

LIFE IN HOT, DRY LANDS (CALIFORNIA) (C)

In a land robbed of rain, all forms of life must struggle to survive. This film tells the story of the fierce battle of survival waged by the starving plant life, the animals, and human beings of the desert who must adapt themselves to this grim existence.

i-j-h 10 minutes $1.85

LIFE IN HOT, WET LANDS (CONGO BASIN) (C)

It tells the story of how climate influences the lives of people in hot, wet lands. Set in the Congo Basin, this picture provides an authentic, accurate account of the life of a jungle boy and his family. Carefully correlated to standard texts and curriculum objectives, it shows how people adapt their clothing, shelter, social activities and food gathering to the geographic region in which they live.

j-h-a 11 minutes $1.50

LIFE IN LOWLANDS — THE NETHERLANDS (C)

Peter and Mina are very excited because Grandfather is going to show them how much of their country was claimed from the sea and made into rich polders, or farm land. After meeting a typical Dutch family, the viewer is taken on a tour of the Netherlands, including a visit to the modern city of Amsterdam.

i-j-h 10 minutes $1.85

LIFE IN MEDITERRANEAN LANDS (CALIFORNIA) (C)

Every continent has at least one example of the unusual "Mediterranean Climate," named after the lands bordering the Mediterranean Sea. This film is laid in the narrow coastal strip of Southern California, a perfect example of the climatic area. It shows how the people there live and adapt themselves, and what plant and animal life is to be found.

i-j 10 minutes $1.85

LIFE IN NORTHERN LANDS (NORWAY) (C, B&W or Color)

A Norwegian farm family, living near Bergen, shows us how people in a northerly latitude adjust their lives and seasonal occupations to the demands of climate and topography. The family is seen harvesting hay and grains during the short Norwegian summer, and also in the wintertime, when the children ski to school and their brother and father are busy fishing and cutting timber in the forests.

i-j 10 minutes B&W $1.50, Color $2.75

LIFE IN OLD LOUISIANA (EB)

Representative aspects of Louisiana and its key city, New Orleans, during the Creole dominance are shown. Historical and regional factors woven into the film story include: the Mississippi River, the packet boats, the Delta country, slavery, education, religion, music, and architecture.

i-j-h 11 minutes $1.50

LIFE IN PARIS (TFC, Restricted to Classroom Use)

A descriptive travelog of the city of Paris with unusually intelligent commentary which includes historical data.

j-h-c 10 minutes $1.85

LIFE IN SAMOA (CIP, Color)

Ta'u island, east of Pago Pago, has allowed an outsider to come to its shores to film a documentary of its scenery and its people. The way of life of a people entirely untouched by a civilization except their own is filmed in color with such highlights as a marriage ceremony, feasts and dances.

j-h-c-a 11 minutes $2.70

LIFE IN SOMETOWN, U. S. A. (TFC, Restricted to Classroom Use)

Comedy concerning what might happen if all the obsolete laws on the statute books were suddenly enforced. Film may be used to stimulate discussion.

j-h-c-a 11 minutes $1.85

LIFE IN THE ANTARCTIC (KB)

In this picture winter and summer on the great Antarctic continent where no man lives and no animals except those that can migrate in winter, or find a home in the warmer waters of the surrounding ocean, are pictured. Also shown are the whaling industry and the Norwegian whaling station on South Georgia, the nearest human habitation to Antarctica.

j-h-c 11 minutes $1.85

LIFE IN THE DESERT (NORTH AMERICA) (EB, B&W or Color)

This exciting and unusual film for middle grades general science classes is a significant part of EBF films on ecology. Taking the skilfully used camera to the Western Deserts of the United States gives the viewer the opportunity to study intimately the life community that exists in the desert.

j-h-c-a 11 minutes B&W $1.85, Color $2.70

LIFE IN THE FOREST (NW, Color)

This is an ecology film on life in the forest — the interrelationships between plant and animal life under forest conditions. Thy typical flora and fauna of the forests are shown to illustrate ecology of the forest.

j-h-c-a 11 minutes $3.00

LIFE IN THE GRASSLANDS (UOK, Color)

This is an ecology film on life in the grasslands — the interrelationships between plant and animal life under grassland conditions. The typical flora and fauna of the grassland area are shown to illustrate the grassland ecology.

j-h-c-a 11 minutes $3.00

LIFE IN THE MOUNTAINS (C)

Offers a fascinating film study of the conditions and adaptations to living in mountainous regions. It brings to your class a background for study of Switzerland in pictorial form that enriches teaching units over a wide grade level.

i-j-h 11 minutes $1.50

LIFE IN THE NILE VALLEY (C)

The Nile River — from Cairo to Aswan. Within this narrow Nile Valley, where over fifteen million people live, an agricultural society dependent on the Nile has existed for thousands of years. A close study is made of the activities of a typical Egyptian farm family.

i 10 minutes $1.50

LIFE IN THE SAHARA (EB, Color)

Reviews important aspects of the life, habits, and customs of people living in the great Sahara.

i-j-h 14 minutes $3.85

LIFE INSURANCE OCCUPATIONS (VGF)

Explains the role the insurance business plays in the social and economic life of our country. It shows how life insurance, employing over 300,000 men and women, offers interesting and significant career opportunities.

h 11 minutes Handling charge, $1.00

LIFE LINE OF THE NATION (AAR)

Authentic, behind-the-scenes story of the American railroads. Shows what it takes for the backbone of the nation's transportation system to "Keep 'em rolling," and how America's railroads meet wartime emergencies.

i-j-h-c-a 21 minutes Handling charge, $1.00

LIFE OF A HEALTHY CHILD (KB)

Illustrates health activities of a normal school child. Habits of cleanliness, correct diets, safety-first, carefree and fair play at home and in school, visits to the dentist and physician are emphasized. It shows an effective way to care for the mouth, teeth, and body.

i-j 10 minutes $1.85

LIFE OF A PLANT (EB, Color)

Clearly shows steps in the life cycle of a typical flowering plant, the pea. Identifies the roles of roots, stems, leaves, flower, fruit, and seed. Live-action shots are dramatized through the medium of time-lapse photography. Animated drawings reveal the functioning of the various parts of the plant.

i-j-h-a 11 minutes $2.70

LIFE OF A HARVESTER ANT (TOM, Color)

Part I — Shows habitat of ant, how to capture it, feed it, etc. Also shown is their teamwork in fighting, building, lifting stagnant weights, etc. Part II — Shows complete life cycle of this ant.

h-c-a 10 minutes $3.00

LIFE OF CHRIST (ATH)

Depicts the Life of Christ through Durer's woodcuts, showing the minute observations, the perfectly caught gestures, the fleeting expressions. These details convey the full aesthetic and religious impact of Durer's works and help to "rediscover," through cinema, the greatness of this man.

general 15 minutes $3.00

LIFE OF EMÍLE ZOLA
(TFC, Restricted to Classroom Use)

An excerpt which stirringly depicts Zola's defense of Captain Dreyfus.

general **30 minutes $3.70**

LIFE OF NOMAD PEOPLE (DESERT DWELLERS) (C)

The desert tribes, moving in search of pasture and water, and following the herds that provide food and clothing, have had tremendous influence upon the course of history. From them have come many of our traditions and cultural roots. This picture brings to your classroom a simple yet rich treatment of the life of the desert nomads. It is of superior photographic and educational merit; it is one of the finest social studies films now available.

i-j-h-a **11 minutes $1.50**

LIFE OF THE SOIL (NFA, Color)

This film deals with the use of commercial fertilizer and maximum utilization of all available organic matter.

j-h-c **33 minutes Handling charge, $1.00**

LIFE OF WILLIAM TINDALE (UW)

A film biography of the man who translated the Bible into English.

j-h-a **40 minutes $8.00**

LIFE ON A FRENCH FARM (C)

There is probably no better way to reach a real understanding of another people than to live for a little while with a typical family in their own home surroundings. In this film, the Duvals are introduced, and observed going about their daily tasks.

i-j-h **10 minutes $1.85**

LIFE ON THE MODERN FARM (McGH)

Shows the typical American farmer with his latest type equipment and his family as a major consumer of products of modern industry. The young people have found a new way of life typified by the rapid expansion of the 4-H Club movement.

j-h-c-a **16 minutes $2.65**

LIFE STORY OF A FERN (UW)

Studies the two generations in the life history of the fern; the structure of male and female organs and process of fertilization.

j-h-c-a **16 minutes $3.00**

LIFE STORY OF A WATERMOLD (PFPA)

Cell structures, movement of protoplasm, growth and reproduction of Allomyces, a saphrophytic mold, are shown by means of phase-contrast microphotography.

j-h **10 minutes $1.85**

LIFE WITH BABY (MOT)

Many of the findings of the Yale Clinic are graphically illustrated in this film, which features candid-camera sequences photographed through a one-way vision dome. (See LIFE BEGINS.)

j-h-c **18 minutes $2.65**

LIFE WITH GRANDPA (MOT)

Discusses the problems of old age including degenerative diseases and economic insecurity. Various remedies are suggested to these and the other problems including the feeling of loneliness and uselessness that so frequently comes with old age.

c-a **17 minutes $2.65**

LIFE WITH JUNIOR (MOT)

The camera picks up "Junior" at the start of a typical day and follows him through his sketchy ablutions, a wolfed breakfast, and a dawdling trip to school. The work of the Child Study Association of America is shown. Stresses the need for the development of each child's potentialities.

h-c-a **18 minutes $2.65**

LIFEBLOOD OF THE LAND (UW, Color)

Shows that water and life itself depend upon forests. Demonstrates through animation how rainfall affects forested and deforested slopes, why forests and cover crops are essential to an adequate water supply; what can be done by planting new trees, terracing and seeding hillsides, and avoiding too heavy grazing.

j-h-c-a **20 minutes $4.25**

LIFELINE (OWI)

Vivid camera shots of the attack against Rendova and Munda, the Japs' counter attack and the magnificent job of evacuating the wounded and saving their lives.

j-h-c **10 minutes $1.50**

LIFTING INDIA'S SHADOWS (BFC, Color)

Shows the work of the mission at Prakasam in South India. The Gospel is taught to children, a mobile medical clinic brings healing to many and stirs resentment in others, and the first worship service is held during which a number of persons receive baptism.

j-h-c-a **30 minutes $5.20**

LIGHT ALL ABOUT US (C, B&W or Color)

Tells the story of how David discovers the fascinating world of light. Through observation and experimentation, he finds that we see only when there is light and that everything will reflect light. He delves into the phenomena of both reflection and refraction and is able to take the facts he has learned about light and apply them to everyday use in such instruments as binoculars, magnifying glasses, mirrors, and eyeglasses.

i 10 minutes B&W $1.50,
Color $2.70

LIGHT AND DARK (EB, Color)

Camera studies in light, shadow, and gradations of color illustrate the meaning of values in art. Children are encouraged to find out, by experimentation with light and dark objects, what value is, what it does, and how it makes them feel.

p-i-j 6 minutes $1.85

LIGHT AND POWER (FI)

Deals with the great achievements in the harnessing of electric power — achievements upon which our world now relies for its work, its play, its transportation, and communication. It shows that in the further development and proper control of electric power lies the promise of the future.

j-h 22 minutes $2.65

LIGHT AND SHADOW (YA)

An introduction to the nature and behavior of light. Demonstrates how light rays are reflected and explains such terms as luminous, transparent, translucent, and opaque.

p-i 10 minutes $1.85

LIGHT OF THE WORLD (UNF)

Dramatizes a sermon by Dr. Bob Jones, Sr., founder of Bob Jones University.

j-h-c-a 30 minutes $3.70

LIGHT SENSITIVE MATERIALS (UW, Color)

Shows physics of light and color; classification of light-sensitive materials according to light sensitivity, and composition of light-sensitive materials.

j-h-c-a 22 minutes $3.85

LIGHT THAT FAILED, THE (TFC, Restricted to Classroom Use)

Presents the school edition of Kipling's story of Dick Helder, the artist who races against time and blindness to complete his masterpiece, only to have it destroyed by the vindictive model.

j-h-c-a 40 minutes $4.45

LIGHT WAVES AND THEIR USES (EB)

This elementary presentation of light includes a comprehensive explanation of the principles of reflection with plane, concave, and convex mirrors. Refraction is clearly revealed in connection with lenses and with special reference to the human eye. The principles and applications of interference are vividly portrayed. This is followed by interesting sequences on polar screens, the electromagnetic spectrum, and the quantum theory. Animation is employed extensively to visualize otherwise intangible processes.

j-h-c 11 minutes $1.50

LIGHTHOUSE, THE (EB, Color)

The delightful and fascinating story of a young boy whose father is a lighthouse keeper on the California coast. We watch the lad as he listens to ship-to-shore radio messages, helps his father shine the lighthouse prism, and takes care of the power plant. We go with them to town when they purchase supplies, and join the boy in his wanderings along the beach in the shadow of the guardian of the sea and the roar of the waves.

i-j 11 minutes $2.70

LIMA (OIAA)

Shown are the beauties of the City of Kings, the colonial capital of the Spanish empire in the western hemisphere. The rich historical background is sketched and the modern life of the city is pictured against the background of many beautifully preserved colonial palaces and buildings. Some of the modern problems of this transplanted old-world society are indicated.

i-j-h-c 17 minutes $2.65

LIMA FAMILY (OIAA)

The everyday life of a well-to-do family of modern Peru is shown in this film. How the protected women of such a house spend their time, their pride in their traditions, the formal manners and religious constancy of their lives — all come into the picture. Through this family the least changed social life of Latin America can be understood.

i-j-h-c 18 minutes $2.65

LIMESTONE CAVERNS (C, Color)

Illustrates formation and growth of stalactites, spattercones, helictites and colites and includes interesting facts about several well-known caverns.

j-h-c 10 minutes $2.70

LINCOLN FIELD TRIP, A (IFB)

A camera tour through the "Lincoln Country" in Illinois. Scenes from New Salem, showing Lincoln's store and other historic scenes; and views of Springfield, the old State House, the Governor's Mansion, and Lincoln's tomb. Also shown is a scene in Beardstown, Illinois, where Lincoln conducted one of his famous trials.

i-j-h-c 10 minutes $1.85

LINCOLN IN ILLINOIS (ISL, Color)

Presents highlights in the life of Lincoln in Illinois from his boyhood to his death.

j-h-c-a 30 minutes $7.50

LINCOLN IN THE WHITE HOUSE

(TFC, Color, Restricted to Classroom Use)

When Hay brings a telegram announcing the firing on Fort Sumter, Lincoln prays for guidance and assembles his cabinet.

There is fighting between the North and the South, and when next the cabinet assembles the Gettysburg victory is announced. Lincoln refuses to think of peace without the certainty of one free and undivided nation.

In spite of his son's illness, Lincoln decides he must go to Gettysburg to speak. He is shown writing his speech on the train. When Everett is through speaking at the Gettysburg battlefield, the President is introduced and the picture closes with the Gettysburg address.

j-h-c 20 minutes $4.25

art

ALEXANDER CALDER —
SCULPTURE AND CONSTRUCTION
CREATIVE HANDS SERIES
LET'S PLAY WITH CLAY: BOWLS
LET'S PLAY WITH CLAY: ANIMALS
WHAT IS MODERN ART
ART AND MOTION
BEGONE DULL CARE
STARS AND STRIPES
OPTICAL POEM
MAKING A MURAL
MAKE A MOBILE

LINCOLN SPEAKS AT GETTYSBURG (AFF)

Briefly describes the causes and major battles of the Civil War, and discusses the events leading up to Lincoln's Gettysburg address. Uses contemporary drawings and paintings, including some by Winslow Homer and Thomas Nast, as documentation. The Gettysburg address is presented in this background.

h-c-a 12 minutes $3.50

LINDA AND ROY GO FISHING (IMP, Color)

A discussion film introducing the private thought world of children with a sound track of adult voices predicting the thoughts of the children.

i-j-a 11 minutes $2.70

LINE (EB, Color)

Variations in the qualities of lines may be found in nature — in lines on rocks, in lines on the back of a tiger, and in the trail lines made by a snail. Combining the imaginative photography with animation the film clarifies the line movement and suggests to children the creative possibilities of materials such as thread, rope and wire.

p-i 5 minutes $1.85

LINE FROM YUCATAN, A (OIAA)

Planters of Mexico's famed peninsula meet the opportunity to provide sisal hemp when war closes sources in the Pacific.

general 11 minutes $1.50

LINES AND ANGLES (KB)

Presents some of the mathematical applications of basic geometry. Shows the erection of a perpendicular, and illustrates the relationship of the perpendicular to the ordinary plumb bob, level, and square. Shows how angles are formed and measured, and the relationship of angles to each other.

h-c 10 minutes $1.85

LION TAMER, THE (OF)

Amos persuades Andy to try his hand at lion taming, with rib-tickling results.

p-i-j 10 minutes $1.85

LIQUID AIR (NA)

A complex problem in chemistry is explained and demonstrated in simple experimental terms — the manufacture and uses of liquid air and other gasses. We see how liquid air flows like water; the effect of pressure and temperature on form as iron is liquefied. We see liquid oxygen and its uses; the manufacture of nitrogen, neon, hydrogen and liquid helium at 269 degrees below centigrade zero — only four degrees above absolute zero.

j-h-c-a 11 minutes $1.85

LIQUID LORE (WCTU, Color)

Shows the value of water in life and contrasts the uses of water and alcohol. Also shows the place of alcohol in industry and its harmful effects on the human body.

j-h-c-a 20 minutes $3.85

LISMER (IFB, Color)

A review of the work of the Canadian artist, Arthur Lismer.

h-c-a 18 minutes $4.25

LISTEN WELL, LEARN WELL (C)

Presents the techniques concerned with being an "active" listener. Points out the type of things to listen for, how to interpret words and sentences, and how to understand what the speaker means by asking questions and concentrating.

p-i 10 minutes $1.50

LITERATURE APPRECIATION: ENGLISH LYRICS (C)

Gives students a new means of appreciation and understanding of the works of Tennyson, Keats, Wordsworth, Shelley, Shakespeare, and other English poets, by its translation of their works through the medium of the motion picture. The best in lyric language is presented here against the actual scenes as the poets saw them . . . the Shropshire country as Alfred Housman knew it; the surf at Dover Beach where Matthew Arnold walked; the magic of an English spring as Robert Browning dreamed of it from abroad.

j-h-c-a 11 minutes $1.50

LITERATURE APPRECIATION: HOW TO READ ESSAYS (C)

Stresses the enjoyment to be found in reading and studying essays. Portrays Lamb, Emerson, Hunt, Addison, Thackeray, and Stevenson at work in their native surroundings.

h 14 minutes $2.25

LITERATURE APPRECIATION: HOW TO READ NOVELS (C)

Encourages high school students to find out about the author, to study characterizations, and to visualize the setting and action in order to gain pleasure in novel reading and to give better oral and written book reports. Studies several aspects of the process of reading a novel.

h 15 minutes $2.25

LITERATURE APPRECIATION: HOW TO READ PLAYS (C)

Offers suggestions on the problems of reading a play and emphasizes reconstructing imaginatively the production itself so that the reader can grasp the visual, aural, and dramatic content of a play from the bare outlines provided in a book.

h 10 minutes $2.25

LITERATURE APPRECIATION: HOW TO READ POETRY (C, B&W or Color)

In this film your students will discover understanding the poet, looking for experiences the poet is sharing, and recognizing word devices used to convey the experiences will increase their pleasures in reading poetry.

j-h-c 10 minutes B&W $1.50, Color $2.70

LITERATURE APPRECIATION: STORIES (C)

This film will increase the interest of students in the appreciation and enjoyment of great literature. They will learn how to approach stories for a better understanding, how to interpret the various types of stories, and how to develop an appreciation of the fine stories which have been written.

j-h-a 14 minutes $2.25

LITHOGRAPHY (IFB)

Pictures a demonstration performed by Marion Witt Wexler, lithographer and teacher of design at the School of the Art Institute of Chicago. Presents the successive steps in the production of a lithograph.

h-c-a 14 minutes $2.65

LITTLE FUGUE IN G MINOR (TFC, Restricted to Classroom Use)

Leopold Stokowski leads the Philadelphia Symphony as it plays the composition by Johann Sebastian Bach. The fugue itself is preceded by the hymn "A Mighty Fortress Is Our God."

j-h-c 5 minutes $1.50

LITTLE GARDEN (IFI)

Story of a girl and her radish garden. Jane selects a patch for her garden, prepares the ground for seed, waters the young plants, weeds the patch, and concludes with a basketful of fine radishes.

p 11 minutes $1.85

LITTLE PHANTASY, A (NFBC)

A weird and eerie musical and artistic phantasy on a nineteenth century painting. The ghostliness of the effect is heightened by the use of black and white photography and extremely low-key lighting.

general 4 minutes $1.85

LITTLE RED HEN (C, B&W or Color)

Another background for reading and expression for primary grade children. Retells the famous fable in a charming combination of art and live action. Technique is unique, but to the teacher, the value of the film lies in the common class experience it offers, the vocabulary development, and the interest it excites in all language activities.

p 11 minutes B&W $1.50, Color $2.70

LITTLE RED RIDINGHOOD (IFI, Color)

This well known children's fairy tale is depicted by hand puppets in a modern setting.

p-i 10 minutes $3.00

LITTLE RED RIDINGHOOD (SF)

The fairy tale, told with live actors and dialog.

p-i 11 minutes $1.50

LITTLE SWISS WOODCARVER, THE (FCE)

Story of a school for wood carving in Switzerland and of a boy who earned his way to go there. Filmed in Switzerland with many examples of Swiss art in carving and the natural beauty of the Alps which inspired it.

p-i 14 minutes $1.25

LITTLE TOY SOLDIER (COB)

A cartoon tells the story of the travels and adventures of a toy soldier in his quest for a Christian home.

i-j 13 minutes $2.65

LITTLE TUG THAT TRIED (FXS)

Animated cartoon of a small tug boat coming to the rescue of a large boat loaded with Christmas trees. Designed for audience participation.

p-i 11 minutes $1.85

LITTLEST ANGEL, THE (C, B&W or Color)

The Littlest Angel comes to the Gates of Paradise a very lonely and unhappy cherub. Though he tries hard to look and act like a good little angel, he just doesn't succeed. Finally he is summoned before the Understanding Angel where the broken-hearted little cherub tells how he wouldn't make trouble again if he could only have a box he left at home. Messengers bring the box back to Paradise, and the conduct of the Littlest Angel is above reproach. When Jesus is born, all the Angels busy themselves with the preparation of costly gifts. The lowly gift of the little box, however, is chosen by God to shine as an inspiration for all men.

i-a 14 minutes B&W, $4.00; Color, $8.00 (one day only)

LIVE AND LEARN (SD)

Intended for children ages 5 to 14. Illustrates that the accidents that happen at home and at play can be avoided by taking time to think.

p-i-j 13 minutes $2.65

LIVE AND LET LIVE (AE, Color)

Treats 10 major causes of collision and death on the highway — has for its "actors" miniature cars, trucks and busses that move about on made-to-scale sets . . . on roads that curve and join and cross with life-like reality. The audience has a colorful bird's-eye view of the pattern of traffic, sees accidents in the making — the primary missteps that lead drivers into potentially dangerous situations.

h-c-a 13 minutes Handling charge, $1.00

LIVE TEDDY BEARS (EB)

A portrayal of the habits, characteristics, and habitat of the amusing little Australian animal called "koala" which closely resembles the teddy bear.

p-i 11 minutes $1.50

LIVESTOCK AND MANKIND (USDA)

Here is a history of scientific research in the field of animal husbandry. Scenes include inspection of herds, study and experiment with domestic animals, issuance of bulletins to farmers on animal problems, production of motion pictures on the care of livestock, and scientific education on poultry raising.

j-h-c 11 minutes $1.85

LIVING AND NON-LIVING THINGS (UW)

Presents characteristics of life in chicken (animal) and runner bean (plant). Animated diagrams show growth processes.

h-c-a 10 minutes $1.85

LIVING BIRD, THE (DFP, Color)

Compares birds' metabolism with that of man to show how birds have developed an efficient biological machine capable of flight. Nest building is shown, and incubation is shown and explained.

j-h-c-a 13 minutes $3.35

LIVING CITY, THE (EB, Urban Re-Development)

Shows what American citizens can do to improve their cities by replacing and renewing outworn neighborhoods.

h-c-a 24 minutes $3.70

LIVING IN A METROPOLIS—METROPOLITAN NEW YORK (UW)

Huge cities, commonly referred to as metropolises, have grown up in the last century as trading, transportation, and manufacturing centers to serve the needs of people in an industrialized, commercial nation. The giant city of New York has been selected as the Subject of this film. The portrayal of the fact that in New York City millions of people of different cultural and racial backgrounds live together in peace, all eventually becoming Americans, makes this an exceptionally engrossing film story.

j-h-c 22 minutes $2.65

LIVING PAST #1, THE (FCE)

McKinley-Bryan Campaign (1896)
Two future Kings of England
Edison and the birth of the Movies
Fifth Avenue 1896
14th and Broadway 1896
Steam Operated Elevated
Market Street San Francisco
Inauguration of McKinley
Retiring President Grover Cleveland
Field Artillery
Rough Riders leave for Cuba

h-c-a 15 minutes $10.00

LIVING PAST, #2, THE (FCE)

Early days of the Horseless Carriage
Columbus Circle 1900
Fifth Avenue in 1900
Spanish American War Films
Duke of Windsor as a Child
Return of the Spanish War Veterans
Dewey's Flagship
Coney Island
Death of President McKinley
Theodore Roosevelt takes oath of office
Justice Holmes

h-c-a 15 minutes $10.00

LIVING PAST #3, THE (FCE)

President Theodore Roosevelt
The Changing Scene
New York's Finest (Police)
Lower Manhattan (1901)
Chicago (1901)
The Venezuela Crisis
The American Navy under Roosevelt
A Modern Factory (1904)
Opening of the New York Subway
A Nickelodeon Classic (from France)
Presidential Campaign of 1904
(including rare "action" scenes of Roosevelt)
Inauguration of Roosevelt in 1905
Veteran Rough Riders
Roosevelt's conservation policies

h-c-a 15 minutes $10.00

LIVING PAST #4, THE (FCE)

New York Giants (1905)
Bennett Cup Race (1905)
Roosevelt visits San Francisco
Gans-Nelson Fight
A Nickelodeon movie from France
The San Francisco Earthquake

h-c-a 15 minutes $10.00

LIVING PAST #5, THE (FCE)

The U. S. Fleet
"T. R." and the Big Stick policy
The Monorail
The American Railroads
Alexander Graham Bell
Sarah Bernhardt
Thomas A. Edison
Buffalo Bill Cody
James J. Corbett
Fire Fighters of 1905
William Jennings Bryan
Buster Brown and his pranks

h-c-a 15 minutes $10.00

LIVING PAST #6, THE (FCE)

Wilbur and Orville Wright fly at LeMans, France
King Edward VIII of England
Funeral of King Edward
Kaiser Wilhelm of Germany
Building of the Panama Canal
An early American cowboy movie

h-c-a 15 minutes $10.00

LIVING PAST #7, THE (FCE)

President William Howard Taft
Wilbur and Orville Wright test flight for the U. S. Army
Speaker Joe Cannon, Alice Roosevelt Longworth and notables
Moscow and the Kremlin
Czar Nicholas and his family
The first movie cartoon (imported from France)

h-c-a 15 minutes $10.00

LIVING WATER SERIES: MAN'S PROBLEM, Part II (EB, Color)

Shows the efforts by man to obtain systems of fresh water supply, including the building of dams, the control of rivers, and the purification of water.

j-h- 19 minutes $4.25

LIVING WATER SERIES: NATURE'S PLAN, Part I (EB)

Presents the principles and the importance of the natural water-cycle: the continuous moving of water from ocean to air, from air to earth, and from earth back again to the sea.

j-h 14 minutes $4.25

LIVING WITH LIMITATIONS (UW)

Explains how three veterans suffering from arthritis, heart condition, and a trick knee are returned to health by the VA and how they are helped through rehabilitation to find jobs suited to their physical limitations.

h-c-a 20 minutes $2.65

LOBSTERTOWN (FI)

The theme of this film emerges through its documentation of a way of life in a small community based on one staple occupation. It shows how the people of the community help one another in their daily tasks, how they supply an important food to the national market, and how they in turn are provided by the large community with essential goods and services.

j-h 22 minutes $2.65

LOCATING HOLES, DRILLING AND TAPPING IN CAST IRON (UW)

Methods and sequences to be followed when drilling and tapping cast iron.

h-c-a 20 minutes $2.65

LOCOMOTION OF SNAKES (McGH, Color)

Illustrates four basic methods of locomotion: the rectilinear or caterpillar motion, lateral undulatory or serpentine motion, the side-winding motion, and the "hitch-and-hike" or "concertina" method.

i-j-h-c-a 17 minutes $4.25

LOCUS (KB)

Visualizes and explains the entire concept of locus in geometry.

h-c 11 minutes $1.50

LONDON (IFI, Color)

Travels through Mayfair, Regent Park, Piccadilly, and shows the houses of Parliament, Westminster Abbey, the Thames and St. Paul's Cathedral.

j-h-c-a 10 minutes $2.70

LONDON (ICS)

A day in London, capital of the far flung British Empire.

j-h-c 11 minutes $1.85

LONDON, CITY OF TRADITION (TFC, Restricted to Classroom Use)

A film showing some of the symbols of English tradition with a commentary which gives additional value by presenting historical facts and identifying characters of history with these old landmarks.

j-h-c 10 minutes $1.85

LONDON NIGHT (ASFL)

A dramatization of the night's work of one of the tea cars donated by American organizations for service to Britain. The film opens with a talk by Wendell Willkie. He says that on his trip to London in the spring of 1940 he was impressed by the fine morale of the English people, which was aided and accented by the tea wagons donated by the Americans. The dramatized part of the film takes the tea car to an anti-aircraft station, to the scene of a fire, and to an air raid shelter entrance.

j-h-c 11 minutes $1.85

LONE STAR ROUNDUP (McGH)

Shows the life and activities, the scientific methods, and quarters and conveniences provided for the ranch hands on a modern "industrial" cattle ranch: the Flat Top Ranch in Bosque County, Texas.

j-h-c-a 15 minutes $2.65

LONG ROAD, THE (EC)

Tells the story of Kettering, Midgley and Boyd and their search for a way to eliminate fuel knock. The first public test of their discovery at the Indianapolis speed classic is shown. There is a nontechnical discussion of how motors have decreased in size while giving more and more horsepower as a result of improvement in the anti-knock quality of gasoline.

h-c 20 minutes Handling charge, $1.00

LONG TIME TO GROW, A: PART I—TWO AND THREE YEAR OLDS, IN NURSERY SCHOOL (NYU)

A camera follows two and three year old children through the nursery school day and through the seasons of the year. Depicts what children are like when they are growing and learning. The various scenes show the skill, the effort the eagerness with which the two and three year olds go about their daily business. The quality and amount of supervision necessary in the playroom are illustrated and suggested by the commentary.

c-a 35 minutes $4.25

LONG TIME TO GROW, A: PART II, FOUR AND FIVE YEAR OLDS IN SCHOOL (NYU)

Overlap and variation in four and five year olds is illustrated by the way in which they go about their activities and daily routines. The four and five year old world of play and group activity, sensory pleasures and even creativity in painting and playing is depicted. Five year olds entering the world of older children and conforming to simple rules of play and living.

c-a 36 minutes $4.25

LONGFELLOW AND LOWELL (MORT, Color)

Landmarks in New England reminiscent of these two American authors including: the Portland birthplace and later home of Longfellow, Bowdoin College, Harvard's University Hall, the Craigie or Longfellow House in Cambridge (many interior shots), the site of "The Village Blacksmith," "Wayside Inn," the Old North Church, Lowell's "Elmwood," and the graves of both authors at Mount Auburn.

j-h-c-a 13 minutes $3.50

LONGHOUSE PEOPLE (EB, Color)

Portrays the everyday life and rituals of a non-Christian Canadian Iroquois community. Dramatically illustrates authentic dances and religious ceremonies still practiced by members of a tribe which once ruled the eastern half of North America. Depicts the Rain Dance, the Corn Dance, the False Face Ritual, and a dance for the condolence of a dead chief and the installation of a new one.

i-j-h 22 minutes $4.25

LOOK IT UP (C)

A high school boy demonstrates that the dictionary habit can be incorporated into study procedures of reading, writing, and oral report preparation. The film suggests the wealth of materials contained in the dictionary which makes it the "first reference book" as well as the source of information on spelling, pronunciation, and meaning.

j-h- 10 minutes $1.50

LOOK TO THE LAND (EB, Color)

Dramatizes the dependence of all Americans on our land and water resources. With a background of folk music, travels from the east to the south, to the north to the west where farmers describe the need for conservation in their sections.

h-c-a 20 minutes $4.25

LOOK WHO'S DRIVING (UPA, Color)

A cartoon suggesting that improper attitudes are the major causes of the accidents that plague our highways.

j-h-c-a 8 minutes Postage

LOOKING FOR THE ANSWERS (McGH, Color)

Observes the behavior of a number of different animals, focusing on their food, play, aggressive behavior, and reactions to visual stimuli.

j-h-c-a 10 minutes $3.00

LOOKING THROUGH GLASS (BIS)

Manufacture of glass in one of Britain's factories where the handcraftsman still applies his art alongside modern, mass-production methods. A sequence is devoted to the Department of Glass Technology at Sheffield University.

j-h-c-a 18 minutes $4.25

LOOM WEAVING (HIFS)

A girl student of the Universal School of Handicrafts threads a small loom and, following a weaving draft, goes through the entire process of weaving a pattern.

j-h-c 11 minutes $1.85

LOON'S NECKLACE, THE (EB, Color)

Brings to life a charming Indian legend of how the loon, a water bird, received his distinguishing neckband. Authentic ceremonial masks, carved by Indians of Pacific Canada, establish the characters of the story and portray the Indian's sensitivity to the moods of nature.

i-j-h 11 minutes $2.70

LOOPS (NFBC, Color)

An experimental film by Norman McLaren in which sound and visuals are drawn directly on the film. To strange, fantastic sounds, loops of red and white merge, separate and perform strange convolutions on a blue background.

general 5 minutes $2.00

LORAN — AIRBORNE OPERATIONS (CAA)

Studies the peculiarities of Loran signal patterns as they appear under actual operation, and sets down the procedure for installing, aligning, and operating the gear.

c-a 22 minutes Handling charge, $1.00

LORAN — BASIC PRINCIPLES OF LORAN OPERATION (CAA)

Notes radio activity in the ionosphere, and the qualities of sky and ground waves; examines the basic principles of Loran operation; studies the relevant relation of Loran master and slave stations. The master sends out the first impulse, the slave station follows; from these points the navigator can plot a fix.

h-c-a 12 minutes Handling charge, $1.00

LORD'S BAPTISM (ADM)

Jesus is baptised by John the Baptist (no particular mode of baptism is shown although both men are seen standing in the water), and as Jesus is coming up out of the water the voice from heaven is heard saying, "This is my beloved Son, in whom I am well pleased."

j-h-c-a 13 minutes $2.65

LORD'S PRAYER, THE (UW)

U. S. Air Force's Singing Sergeants sing "The Lord's Prayer."

j-h-c-a 4 minutes $1.50

LORD'S SUPPER (ADM)

Portrays this event in the life of Jesus and his disciples, patterned after the painting by Leonardo da Vinci. Concludes with Jesus praying as recorded in John, 17.

j-h-c-a 18 minutes $2.65

LORD'S TEMPTATION (ADM)

Leaving the scene of his baptism by John the Baptist, Jesus is impelled by the Spirit of God to go into the wilderness of Judea where he is alone with the weakness of flesh, brought on by the days of fasting and praying. Each time the voice of temptation comes to him, he rebukes it with the classical Biblical statements as recorded in Matthew 4:1-11 and Luke 4:1-13.

j-h-c-a 13 minutes $3.00

LOST CHICK, THE
(**TFC, Color, Restricted to Classroom Use**)

The adventures of two squirrels, their brothers and sisters, a mother hen and her chicks, in a story of reciprocal kindness.

p-i 11 minutes $2.70

LOST HUNTER (FO)

Story of a hunter, who through lack of knowledge, gets lost in the woods. Designed to impress anyone who enters woods with dangers of becoming lost, and gives do's and don'ts to follow in event of such an occurrence.

h-c-a 22 minutes $2.65

LOST SHEEP (RFA)

The parable of Jesus enacted by puppets designed by Mabel Beaton.

p-i-j 14 minutes $5.00

LOST WORLD, A (EB)

This production was prepared from the motion picture "The Lost World" and is based on a story by A. Conan Doyle. An absorbing exhibition, in motion, of extinct prehistoric animals re-created in full-scale, lifelike models. Battles between the reptiles, a forest fire, and the escape of members of an exploring expedition form a highly interesting and informative picture story.

h-c-a 10 minutes $1.85

LOUIS PASTEUR — MAN OF SCIENCE (SF)

Louis Pasteur's scientific activities and discoveries from 1856 to 1895 in the fields of chemistry and microbiology relating to pasteurization, silkworm diseases, the use of antiseptics, puerperal fever, streptococcus, staphylococcus, chicken cholera, and rabies.

j-h-c-a 30 minutes $3.70

LOUISA MAY ALCOTT (EB)

Portrays the life of one of America's great and popular women writers. Reveals her complete devotion to her family in assuming full responsibility for its support. Describes her service as a nurse in the Civil War and mentions her aiding national reform and improvement measures. Emphasizes her success as a writer of human interest stories, with special attention to *Little Women, Little Men,* and *Jo's Boys.*

j-h-a 22 minutes $2.65

LOVE OF BOOKS (BIS)

Books are "paper, ink, leather and glue" with a long history. Shows British craftsmanship at a peak in the hands of artists and artisans carrying on in the tradition of great bookmaking contrasted to the printed press.

j-h-c-a 11 minutes $1.85

LOVE THAT BEAUTY (McGH)

Shows what is done in beauty parlors to beautify the American woman and reduce her weight.

h-c-a 17 minutes $2.65

LOWER DEPTHS, THE (BRF)

A Russian language film with English titles. Scenes from Maxim Gorki's play featuring V. I. Kachalov as the baron.

h-c-a 20 minutes $3.50

LOWLANDS OF SCOTLAND (BIS)

This film is concerned with the geography and sociology of the lowlands of Scotland which stretch from Glasgow to Edinburg. The people and their ways of life — the land and its use and description — are shown.

general 13 minutes $2.65

LUBRICATING OIL'S AMAZING MOLECULES (STO, Color)

How lubricating oil is made and refined, using the latest types of equipment and processes. The new additives are shown which are being used to extend oil's performance abilities to meet special needs. Also presented are the many control and performance tests which today are so necessary a part of the manufacture of modern, high quality lubricating oils.

general 23 minutes Handling charge, $1.00

LUBRICATION (USBM)

A theory of friction and practical application of lubricants to the various mechanical elements connected with our everyday life is illustrated. The film discusses when the various types of oil should be used. Lubrication affects our lives in reducing work, wear, and waste, and in conservation of materials.

h-c 30 minutes Handling charge, $1.00

LUCIA DI LAMMERMOOR (OF)

The tragic story of the love of Edgar and Lucia of the clans Ravenswood and Asleton. The music of Donizetti. Members of the Scala of Milan, Edgar and Lucia, although their families are enemies, fall in love. They are thwarted by the evil Lord Ashton and both ultimately die. Among the highlights of the music presented are "Sextette" and Lucia's "Mad Scene."

h-c-a 25 minutes $4.00

LUGANO (YA)

Presents the life and architecture of the city of Lugano, Switzerland; a boat trip over Lake Lugano; and a ride on the funicular to the top of Mount San Salvatore.

j-h-c-a 14 minutes $2.65

LUMBER FOR HOMES (WCLA, Color)

A young couple decide to build themselves a home and the lumber they use is traced from the felling of the trees to the finished house. Reforestation, cutting of timber and transporting it to mills, industrial processing, and many uses of wood in home building are covered.

h-c-a 22 minutes $4.25

LUMBER FOR HOUSES (EB, Color)

Traces major steps in the preparation of lumber for houses using the lumbering operations of the

angry boy

The story of Tommy Randall who, having been caught stealing in school, is sent to a child guidance clinic instead of being treated as a criminal. An investigation by members of a psychiatric team at the clinic reveals that Tommy is suffering from an emotional disturbance which is traced to its basic cause. How his mother is helped to understand Tommy and how Tommy himself learns to accept and handle his feelings through the process of psychotherapy provides the main drama of the film. At the end, Tommy is on his way to recovery and the audience has been given some understanding of how unconscious motivation affects the behavior of both children and adults.

Pacific Northwest as the specific example. Illustrates the use of modern power tools in lumbering. Includes sequences on felling trees, sawing boards into lengths, preparing a spar tree, and loading and hauling by truck, train, and water to mill. Trimming, sawing, and stacking operations at the mill conclude the film.

p-i 12 minutes $3.85

LUMBER STATES — PACIFIC NORTHWEST (UW)

The Pacific Northwest has the finest forests of our country. The tall trees of this area are excellent for lumber, and we learn how the people work in this greatest of our lumbering sections. We see them engaged in safeguarding the forests to prevent this rich lumber supply from becoming exhausted. We learn how young people are taught to prevent forest fires and to keep young trees growing to replace those that are cut down. Washington and Oregon are prosperous because of their rich natural resources of water power, fisheries, farmlands and forests. New industries are moving into the Pacific Northwest because of the abundance of cheap electricity. In this area are the great salmon fishing grounds. One of our largest wheat growing areas lies east of the coastal mountain ranges. But of all the natural resources of the Northwest, none is more valuable than its timberlands.

i-j-h 22 minutes $2.65

LUMBERMAN, THE (F, Color)

Contrasts the age-old method of felling trees with an ax or hand saw to the present-day use of the power saw. The logs are then hauled to the mill by truck or floated downstream when water transportation is available. The safety of the men is emphasized.

i-j-h-c-a 22 minutes $4.25

MAC ARTHUR STORY, THE (McGH)

Sketches General MacArthur's long career, including scenes of his service in France in World War I, as Chief of Staff, as Allied commander in the Pacific after Pearl Harbor, and as the world's first U.N. commander.

j-h-c-a 18 minutes $3.00

MACBETH (IFB)

Professionally staged and acted with attention to costume and set detail: Act II, Scene 2, the Murder of King Duncan and Act V, Scene 1, Lady Macbeth's Sleep-Walking.

j-h-c 20 minutes $2.65

MACHINE MAKER (EB)

This film portrays the role of the machine tool maker in an age of technology. Operation of machines; workers' conversations on technical problems; checking and assembly line operation; and mass production in an automobile factory are among the situations developed.

j-h-c 11 minutes $1.50

MACHINE TRANSCRIPTION — MACHINE OPERATIONS (UW)

The parts of the dictation and transcribing machines are explained and their proper use is shown, such as volume and tone controls. The resurfacing of wax cylinders on the shaving machine is demonstrated.

h-c 15 minutes $2.65

MACHINE TRANSCRIPTION — TRANSCRIPTION TECHNIQUE (UW)

How dictation should be phrased by the beginner, by the transcriptionist with some experience, and how the expert would do the job, with particular emphasis on such important points as the modulation and pitch of the dictator's voice and intelligent use of the controls are all demonstrated.

h-c 15 minutes $2.65

MACHINES DO WORK (YA)

Introduces the concept of simple machines. It discusses the lever, the inclined plane, the pulley, and the wheel and axle. It shows how machines help make our everyday life easier.

i-j 11 minutes $1.85

MACHINING A CAST IRON RECTANGULAR BLOCK (UW)

Demonstrates the procedures followed when rough machining and finish machining a rectangular block of metal held in a vise mounted on the table of the machine; and demonstrates the techniques used when taking finishing cuts, including the use of tell-tale papers to assure the correct seating of the piece on the parallels, the necessity for establishing a reference surface and setting the piece in the vise so that all the other surfaces will be machined from it.

h-c-a 25 minutes $3.70

MACHINING A TOOL STEEL V BLOCK (USOE)

Shows the machining of a V-block from a solid piece of tool steel which is held in a shaper vice. The piece has been finish machined all over ready for cutting the V's and the clamping slots on the sides. The use of paper shims to assure correct seating on the parallel, setting the ram for length and position of stroke, are shown in detail.

h-c 20 minutes $2.65

MACHINIST AND TOOLMAKER (VGF)

The machinists and toolmakers, who are always in demand, must be able to use measuring devices and be able to read blueprints. Other factors as to the nature of the knowledge and training needed to hold one of these jobs are told in this film in an easily understood manner. Also explained and demonstrated are the five ways of machining metals.

h-c 11 minutes $1.85

MADAME CURIE (MGM)

Presents the story of the discovery of radium. Traces the work of the Curies in separating radium from pitchblende and shows the scientific method and processes involved.

j-h-c-a 22 minutes $3.00

MADE IN U. S. A. (IFB)

Our dependence on foreign sources for raw materials is illustrated in a humorous incident in which each part of an automobile made from imported materials disappears until practically nothing is left.

j-h-c-a 10 minutes $1.85

MADERO OF MEXICO (TFC, Restricted to Classroom Use)

Is the story of the life of Francisco Madero, Mexican revolutionary leader and the President of Mexico following the reign of the Diaz Government.

j-h-c 11 minutes $1.85

MADISON SQUARE GARDEN (McGH)

Shows the behind-the-scenes activities of the more than 500 employees responsible for the administration and maintenance of this large sports arena, particularly the work of the trained men who change the floor surface for different events.

j-h-c-a 18 minutes $2.65

MAGIC ALPHABET (TFC, Restricted to Classroom Use)

This film deals with the discovery of Vitamin B_1 by Dr. Christian Eijkman, and with the later discovery of other vitamins which play such an important part in the health of our nation. The importance of sufficient vitamin intake necessary to maintain good health is stressed.

j-h-c 10 minutes $1.85

MAGIC FOREST, THE (SF)

A rooster, a cat, and a goat come to the Magic Forest to seek the treasure they have heard is hidden there. They do not know that this treasure is happiness. Three men also are seeking the treasure. The six treasure seekers frighten each other half out of their wits and leave, needless to say, without the treasure of happiness.

p-i 8 minutes $1.85

MAGIC IN AGRICULTURE (EC)

The fascinating story of Farm Chemurgy; what it is, what it holds in store.

h-c 30 minutes Handling charge, $1.00

MAGIC IN THE AIR (JH)

A simple explanation of how television is transmitted and received.

j-h-c-a 10 minutes $1.85

MAGIC OF IRELAND (TWA, Color)

A general picture of Ireland, giving glimpses of rural and urban life. The film shows historic landmarks of the Emerald Isle, including ruins of great castles and the old Blarney Castle with its famous Blarney Stone. Some of the countryside is shown, illustrating the colorful beauty of the land. The film is narrated by a gentleman with a gay Irish brogue, and he tells us, at the conclusion of the film, that we have seen sights "you will always see in the mind's eye when dreamin' of old Ireland."

general 10 minutes Handling charge, $1.00

MAGIC OF THE ATOM (SERIES) (HNF)

A series of thirteen films documenting the atomic age. Thirteen more titles are planned for future release in this series. Present titles are: ATOM SMASHERS, ATOMIC FURNACES, ATOM IN INDUSTRY, ATOM AND THE DOCTOR, THE ETERNAL CYCLE, THE ATOMIC GREENHOUSE, TAGGING THE ATOM, THE ATOMIC ZOO, SECURITY, THE ATOMIC PHARMACY, PROTECTING THE ATOMIC WORKER, THE MASTER SLAVE, THE ATOMIC ALCHEMIST.

h-c-a 13 minutes each $2.65

MAGIC TOUCH (AVF, Color)

Three elementary school children learn how immunization protects the body against disease with only slight discomfort for the benefits received.

p-i 10 minutes $2.70

MAGNESIUM — TREASURE FROM THE SEA (USBM)

Research methods and present processes of obtaining magnesium are shown in animation and by natural photography. The structural properties and industrial and domestic uses are illustrated. Film ends with some speculation as to future uses.

j-h-c 23 minutes Handling charge, $1.00

MAGNETIC PLUTO (HFE, Color)

A Pluto cartoon.

p-i 10 minutes $2.00

MAGNETIC RECORDER, THE: USES AND OPERATION (UIO)

Demonstrates methods of recording and erasing sound, and depicts the characteristics of a tape recording machine; shows how to select equipment, edit tape, and record from a radio.

h-c-a 19 minutes $3.00

MAGNETIC TAPE RECORDING (UM)

Illustrates several important uses for the magnetic tape recorder. A puppet named "Tapey" shows the president of a business concern how simple it is to use a tape recorder in his daily activities.

h-c-a 10 minutes $2.00

MAGNETISM (C)

What magnetism is, how it differs from electricity and how it works. The film discusses (1) types of permanent magnets, (2) attraction and repulsion, (3) making magnets, (4) fields of force, (5) electromagnets and their uses, and (6) everyday uses of magnets.

i-j 11 minutes $1.50

MAGNETS (YA)

Demonstrated in this film are the properties of temporary and permanent magnets, and the principle of polarity. Film is built around a magic show.

i 13 minutes $3.00

MAILMAN (EB)

Emphasizes importance of mail in our lives and shows mailman's relation to mail service.

i-j-h 11 minutes $1.50

MAIN DISH, THE (NFBC)

This picture shows conservation needs and food planning in regard to wisely chosen cuts of meat. Various cooking methods are demonstrated to help housewives plan meals economically. By planning and cooking well, the wartime housewife is earning thanks from the nation as she helps solve the problems of rationing during a national food emergency.

j-h-c 18 minutes $2.65

MAINE (INF, Color)

The beautiful scenery of Maine, the rugged timberlands and lakes. Covers the important cities and main industries such as lumbering, dairying, textiles, and fishing. Shown also are beaches and other vacation attractions.

i-j-h-c-a 10 minutes $2.70

MAINE HARBOR TOWN — CAMDEN, MAINE, NORTHEAST, U. S. A. (UW)

In New England, the thin, stony soil makes farming difficult. Fortunately, other resources can be developed to provide a livelihood. In this film we see the Keller family, living near Camden, Maine, illustrate how the ingenuity of a people can supplement the income derived from farming rugged lands in a climate with a short cool growing season. We see them capitalizing on other natural resources. Employment is obtained in near-by industrial plants. The Kellers provide shelter for tourists who come to enjoy the recreational facilities of New England. Some of their neighbors earn part of their living from the harvest they reap from the sea.

i-j-h 22 minutes $2.65

MAINTENANCE OF OFFICE MACHINES (CAA)

Names dust, dirt, and carelessness as the three enemies of machinery. Discusses the care and maintenance of typewriters, transcribing machines, dictaphones, adding machines, and calculators.

36 minutes Handling charge, $1.00

MAINTAINING CLASSROOM DISCIPLINE (McGH)

Explains the fundamentals of proper control of class conduct and attitude. Contrasting methods of handling a class are demonstrated. (For other titles in this series see Broader Concept of Method Part I.)

c 14 minutes $2.25

MAINTAINING GOOD WORKING CONDITIONS (USOE)

Several cases where improvement in working conditions resulted in increased production and better satisfied workers are enacted.

h-c 9 minutes $1.85

MAINTAINING QUALITY STANDARDS (USOE)

The role of the supervisor in maintaining quality as well as quantity is made clear by incidents involving poor instructions, carelessness, and lack of pride in good workmanship.

h-c 10 minutes $1.85

MAINTAINING WORKERS' INTEREST (USOE)

Various workers are shown doing poor work because their jobs hold no interest for them. The point is made that the supervisor should be alert to detect and remedy these situations.

h-c 11 minutes $1.85

MAJESTIC NORWAY (FON, Color)

The grandeur of Norway and an explanation of how Norwegians have put each of their country's natural resources to practical use.

j-h-a 20 minutes $4.25

MAJOR DISEASES OF THE HEART (EB)

Illustrates what happens when the human heart fails to function normally. Using photographs of an actual heart, x-ray photographs, and animated drawings, the film explains high blood pressure, hardening of the arteries, and rheumatic fever, and shows some of the progress made in combatting these diseases.

h-c-a 11 minutes $1.50

MAJOR RELIGIONS OF THE WORLD, THE (EB, Color)

An objective survey of the important aspects of the major religions of the world today. Clearly explains their origins, their basic philosophies, and their symbols. Designed to help inspire an appreciation for, and a tolerance of, the principal religious faiths held by most of the world's people.

c-a 22 minutes $4.25

MAJORITY VOTE (McGH)

Asks whether elected representatives of a group may legitimately support a measure which is disliked by the majority of those who elected her. High school class voice their disapproval of the support given by their student council representative to a measure curtailing their extra-curricular activities, the representative gives reasons for her support of the measure. Audience is asked to express opinions.

j-h 7 minutes $1.85

MAKE A MOBILE (BFS, Color)

Shows what can be done with scrap materials in making an abstract moving design. Uses wire, thread, sheet aluminum, a discarded towel rack, sponge, colored toothpicks, and a ping pong ball.

j-h-c-a 11 minutes $2.70

MAKE FRUITFUL THE LAND (BIS, Color)

History of method and theory of agriculture developed in England. Animated diagrams show the wastes of the medieval farmer and the advantages of modern crop rotation. Reflects recent methods used for highly mechanized farming systems.

h-a 12 minutes $3.35

MAKE MINE FREEDOM (HC, Color)

In humorous but effective fashion, this animated cartoon stresses the necessity to adhere to our Constitutional guarantees. A subversive agent in the guise of a quack medicine man offers "Ism," his miraculous nostrum for all social ills, in exchange for liberty. He paints a rosy picture of life for all who take this medicine, until a thoughtful character challenges his claims and describes the plight of those who gave their freedom in exchange for this poisonous dosage. An industrialist, a farmer, a laborer and a merchant who had been listening to the quack's glib sales talk, then recall their blessings under our Constitution and reject "Ism" in no uncertain terms.

j-h-c-a 10 minutes $3.00

MAKE-UP FOR BOYS (IFB, Color)

An adaptation by Louise Dale Spoor of Mark Twain's "Tom Sawyer" serves as an illustrative example. Both straight make-up for Tom Sawyer and character make-up for Injun Joe and Muff Potter are demonstrated, including preparation of nose putty and crepe hair.

h-c-a 10 minutes $3.00

MAKE-UP FOR GIRLS (IFB, Color)

Using characters from Mark Twain's "Tom Sawyer" as illustrative examples, the film shows both straight make-up and character make-up — base color, eye shadow, etc.

h-c-a 10 minutes $3.00

MAKE-UP FOR THE THEATER (UC, Color)

Demonstrates step-by-step the application of stage make-up to both the female and male faces. After cleansing, grease paint is applied as a base to the face. The steps are then demonstrated in this order and materials identified: rouge, eyeshadow (colored liner), eyebrow pencil including making the wedge, lip rouge, talcum, and brushing the finished make-up. Theater make-up is greatly affected by stage lighting, and this point is made.

j-h-c-a 15 minutes $4.25

MAKE-UP — STRAIGHT AND OLD AGE (UWI, Color)

Demonstrates and explains the effect of brilliant stage lighting and stage-to-audience distance which flattens and dulls the features of the actor's face, and then proceeds to demonstrate the application of straight make-up. Points out the difference between male and female make-up, and a young actress applies old age make-up in all its steps.

h-c-a 22 minutes $4.25

MAKE WAY FOR TOMORROW (TFC, Restricted to Classroom Use)

Shows problems created when an elderly widow goes to live with her son's family.

h-c-a 18 minutes $3.00

MAKE WAY FOR YOUTH (YMCA)

A dramatic film narrated by Melvyn Douglas. It tells the exciting story of one community — and it may be yours. Startled into action by tragedy, the folks of this typical American town — young and old — get together on a youth program — and the fences between neighborhoods, races and religions begin to break down.

j-h-c 22 minutes $2.65

MAKE YOUR OWN DECISIONS (C)

Failure to make decisions often leads to worry and even ill-health, while the ability to decide for yourself is a prerequisite to more mature and successful living. Presents a series of five questions that illustrate the alternatives that exist in every situation and shows how each contributes to making a self-reliant and a psychologically mature individual.

j-h-a 11 minutes $1.50

MAKING A BRONZE STATUE (EB)

Shows steps in executing a bronze statuary group by a leading sculptor. Also shows sketches, building the rough figures on wire skeletons as he observes living models, and forms of figures under the artist's touch. Describes how a large-sized group is reproduced on a small scale and finally cast in bronze.

j-h 11 minutes $1.85

MAKING A MASK (IFB, Color)

A group of children in a school environment are directed through the simple procedures of making two kinds of masks out of wet paper and paste. Suggestions are given for painting them and for adding hair, or other necessities.

p-i-j-h-c-a 6 minutes $2.70

MAKING BOOKS (EB)

Tells the story of book manufacturing from author's manuscript to finished product. Typesetting, page-forming, electroplating, printing, binding, and covering — all these processes are depicted comprehensively but simply.

p-i 11 minutes $1.50

MAKING BREAD (PHP, Color)

Shows the blending of flour in a bakery, the mixing of sponge, the fermentation, the mixing and kneading of dough, the baking, the removal of loaves from pans, and the slicing and wrapping of the finished product.

i-j-h-c-a 11 minutes $2.70

MAKING BRICKS FOR HOUSES (EB)

Calls attention to the important role of bricks in most types of modern construction, and describes how bricks are made. Illustrates the various uses of bricks for building purposes, and then follows their step-by-step manufacture by portraying first how the materials are assembled, pulverized, and mixed; then how the bricks themselves are shaped, cut, dried, baked, and finally graded for color and quality.

p-i 11 minutes $1.85

MAKING CHANGE FOR A DOLLAR (C)

The different values of coins used in making change for a dollar make an interesting and practical problem in arithmetic. Through an imaginative approach the film stresses comparative values of coins, some of the ways these values are commonly expressed, and how we can make change through understanding these values.

i-j 10 minutes $1.50

MAKING COTTON CLOTHING (EB)

Tells the story of a child's cotton print dress from the designing of the original to the pressing and packing of hundreds of dozens of garments in a modern mass production garment factory.

p-i 11 minutes $1.50

MAKING ELECTRICITY (EB)

Provides a demonstration of how electricity is made by moving a coil of wire through the field of a magnet. Explains first how a small, hand-powered generator is constructed and how it operates; then illustrates how the same principle applies in generating electricity at a large hydro-electric plant. Reveals finally how electricity is carried over power lines to our homes.

i-j-h 10 minutes $1.50

MAKING FILMS THAT TEACH (EB)

Goes behind the scenes to explain how teaching films are written, photographed and produced. Shows research behind the film, role of the educational collaborator, and preparation of the script.

c-a 20 minutes $3.00

MAKING FRIENDS (EB, B&W or Color)

Different high school students have friendship problems and how each student solves his problem pointing out definite qualities of friendship and ways of making friends.

j-h 11 minutes B&W $1.85,
Color $2.70

MAKING GLASS FOR HOUSES (EB)

Shows how sand, limestone, and soda ash are obtained and converted into glass, both in a laboratory and in a modern industrial plant.

p-i 11 minutes $1.85

MAKING LEARNING MORE MEANINGFUL (McGH)

Demonstrates a typical third grade classroom situation in which there is a definite need for learning experiences related to everyday living to help in the understanding of abstract concepts in the counting and use of money. The class then proceeds with a project showing the use and flow of money in a community and the various stages of the project and the post-project followup are described.

c-a 12 minutes $2.65

MAKING OF A MURAL (EB, Color)

Produced in color, provides an excellent opportunity for observing and studying the important processes involved in the planning and completion of a typical mural composition. After providing a complete overview of the many steps leading up to the final process, the film depicts the actual painting of the mural itself.

j-h-c 11 minutes $2.70

MAKING OF PUPPETS, THE (BFS)

To best illustrate the method, the film follows the making of a puppet from beginning to end.

The clarity and simplicity with which this production has been made are great assets to the film. Any beginner, regardless of grade level, will be able to follow the simple instructions given in the film.

j-h-c 10 minutes $1.85

MAKING OF THE RIVER, THE (C, B&W or Color)

Traces the physical formation of the river from its source waters in the forest, the mountains, and the glen, and follows the river to its triumphal termination at the sea.

j-h 10 minutes B&W $1.50, Color $2.70

MAKING SENSE OF LIFE (UW)

Dramatizes a short sermon by Rev. Paul Rowntree Clifford.

h-c-a 10 minutes $2.00

MAKING SENSE WITH SENTENCES (C)

Why should we use complete sentences when we write? Often we do not speak in complete sentences, yet we are understood. What is a complete sentence, anyway? These and other questions about "complete thoughts" and how they are expressed are answered in this unusual film.

i-j-h 11 minutes $1.50

MAKING SHOES (EB)

Complete step-by-step process of how shoes are made.

p-i 11 minutes $1.85

MAKING THE MOST OF SCHOOL (C)

Opens students' eyes to the infinite riches which school offers them beyond their day-to-day assignments. Like Carl, other students will learn that merely "getting by" isn't nearly as interesting as participating in class discussions, investigating opportunities for additional learning, taking an active interest in clubs and sports.

i-j 10 minutes $1.50

MAKING THEATRICAL WIGS (UC)

Shows the entire process of making a theatrical wig, including the preparation of necessary materials. Also illustrates how a wig is made from yak hair and the preparation of a bald wig.

h-c-a 11 minutes $1.85

MAKING YOURSELF UNDERSTOOD (EB)

Most of our social and work problems stem from the problem of communication between individuals and nations. This film employs a simple case study to analyze basic factors of communication. We find in this analysis that the predispositions of the person communicating and of the audience are vital in effective communication, as are the content and style of the message. The film shows that by carefully analyzing all elements in the communication process we can become better able to evaluate and criticize all forms of communication, better communicators, and better listeners.

h 16 minutes $2.25

MALAGUENA (OF)

Jacques Thibaud fingers magic from his violin in this interpretation of Albeniz's "Malaguena" — a universal favorite.

j-h-c 5 minutes $1.85

MALAY PENINSULA (C)

Cities like Singapore are studied in relation to Malaya and the rest of the world. The customs and religion of the people are seen in their sociological context. Malaya is seen not only as a land influenced by western ideas, but as a region which, in turn, is an indispensible part of our international economy and society.

i-j-h-c 11 minutes $1.50

MAMMALS ARE INTERESTING (EB, Color)

Shows views of many different animals to illustrate the distinguishing characteristics of mammals.

i 12 minutes $3.25

MAMMALS OF THE COUNTRYSIDE (C)

Treats the common animals of the countryside as friends or enemies of the farmer. The film is a readiness device, and shows the appearance, environment and habits of the skunk, red fox, woodchuck, etc.

i-j 11 minutes $1.85

MAMMALS OF THE ROCKY MOUNTAINS (C)

Designed to illustrate how seasonal adaptations of mountain animals are correlated with their changing food situation. Beginning near the top of the mountain with the permanent residents — mountain goat and bighorn sheep — the film proceeds downward through the timber, showing mule deer, porcupine, beaver, marmot, and other typical mammals and their varying ways of adapting to seasonal change.

i-j-h 11 minutes $1.85

MAMMALS OF THE WESTERN PLAINS (C)

Establishes the concept of all class differentiation among mammals through differences in dentition — that dentition depends upon diet. The theme is the conservation of our large game animals — antelope, buffalo, elk, etc.

i-j-h 11 minutes $1.85

FALLEN EAGLE

The story of the Sioux Nation and their proud traditions.

20 MINUTES RUNNING TIME $1.00 PER WEEK

MAN AGAINST MICROBE (MLI)

The film pictures the war which medical science has successfully waged against disease. It opens with a dramatic portrayal of the London Plague in 1665 and later scenes present Leeuwenhoek, Pasteur, Lister, and Von Behring. The film features the practical application of scientific discoveries, as in diphtheria immunization, milk pasteurization, the prevention of sepsis, etc.

i-c 11 minutes Handling charge, $1.00

MAN ALIVE (ACS, Color)

Animated film to interest the layman and develop a realistic attitude toward cancer and includes psychology of fear of cancer, and suggests steps to take for early detection and successful treatment.

a 12 minutes $2.85

MAN AND HIS CULTURE (EB)

The audience, as explorers from outer space, learn how cultures are studied, their similarities and differences, how they are handed down, and how they change.

j-h-c-a 15 minutes $2.65

MAN IN THE BARN, THE
(TFC, Restricted to Classroom Use)

Is the dramatization of a theory that John Wilkes Booth did not die until 1903 when, as David E. George, he committed suicide.

The scene shifts to 1865. Torchlight parades celebrate the end of the Civil War. A man rushes out through the stage door of Ford's Theatre, escapes on horseback. Twelve days later, Booth is trapped in a burning barn. A single shot is heard. Booth's body is removed to a gunboat where a doctor who once operated on Booth's neck claims there is no resemblance to Booth, although the dead man has a scar on his neck. Seven people, however, identify Booth, and his initials are found tattooed on his arm. But rumors persist that this is not Booth. We learn that, strangely enough, the telegraph wires unaccountably went dead on the night of the assassination; that one of the main roads to the South had been neglected by searching troops; that the sentry who let Booth pass was not questioned. We return to Oklahoma in 1903 where George lies dying. He has the same characteristics as Booth and a damaged hand.

j-h-c 11 minutes $1.85

MAN IN THE 20TH CENTURY (MOT)

The mid-point of the century is a time to appraise both man's technological advancements and his capacity for destruction. Film points out the chief feature of the half-century — increasing nervous tension, and how it has affected our lives today. Appraises the ideological struggle between Russia and the Western powers.

h-c-a 20 minutes $3.00

MAN-MADE CANYON (USBM)

Presents the story of the "open pit" nickel mine — the largest of its type and one of the most unique mining operations in the world. You will see the most unusual methods that had to be created to make the world's richest deposit of nickel available for use.

j-h-c 22 minutes Handling charge, $1.00

MAN ON THE ROCK, THE
(TFC, Restricted to Classroom Use)

The question is "Was it Napoleon or his double who died at St. Helena?" Here we have a dramatization of a theory that it might have been his double.

In St. Helena on May 5, 1821 within the house Napoleon lies dying. The scene turns back to Napoleon as emperor; his strategy of employing a double to officiate for him at many public functions. After Waterloo, he is condemned to St. Helena forever, and his beloved son is held a virtual prisoner in Austria.

Napoelon's double, Rebaux, who had returned to his farm with his sister, disappears.

Shortly thereafter an optical shop is opened by a man who resembles Napoleon. After the news of Napoleon's death, he closes the shop, gives his assistant a letter to deliver to the King of France if he has not returned in three months.

In Vienna a man climbing the wall where Napoleon's son is imprisoned is shot by a sentry. He murmurs in French "Duke of Reichstadt-son." A French official looks at the face, orders the body instantly hidden. In 1853, a jeweler, the former optical assistant, relates that his silence was purchased for 100,000 crowns. The records state that Rebaux died at St. Helena, but the date is crossed out.

j-h-c 11 minutes $1.85

MAN WHO CHANGED THE WORLD

(TFC, Restricted to Classroom Use)

The story of the achievement of James Hargreaves, the humble English spinner, who invented the spinning jenny in 1767, thus laying the foundation of the machine age. Commentary describes this development in terms of its relationship between labor and machine labor.

j-h-c 11 minutes $1.85

MAN WITHOUT A COUNTRY

(TFC, Color, Restricted to Classroom Use)

In 1805, Lieutenant Nolan joins Aaron Burr on the Ohio River to aid Burr found a new empire beyond the Mississippi. He is halted and arrested by the colonel, father of Marion, the girl in the story.

A military court demands to know of Nolan whether he has violated his oath of allegiance. Nolan curses the United States and says he hopes never to see his country again. He is sentenced to spend the rest of his life on a man-of-war where he could never see nor hear of his country again. Years later, Marion visits Nolan on the ship and finds that he is the loneliest man in the world. Lincoln tells her that he is arranging for Nolan's return to America, and she dies in Lincoln's presence. The picture closes with a phantasy in which Nolan's spirit joins hers, both of them young again. In technicolor.

j-h-c 20 minutes $4.25

MAN WITHOUT A COUNTRY (YA)

A dramatization of Edward Everett Hale's classic story of Philip Nolan. Retold within the framework of a court scene in which the Judge, who is swearing in new American citizens, tells them the story of the American Naval officer who rejected and damned his country in a moment of anger.

h-c-a 28 minutes $3.70

MAN'S GREATEST FRIEND

(TFC, Restricted to Classroom Use)

"Man's Greatest Friend" pictures the dog in its service to mankind. The wolf dog, in the dawn of history, followed its master. Today, police dogs guard children, while during the War, dogs aided in the search for wounded men, leading the rescue party and sometimes losing their own lives through their devotion.

The scene shifts to a town in eastern France, in the year of 1831. The cry of mad dog drives the people into their homes, and from the safety of a window a young boy sees the dog attack a child. We see him next as a man — Louis Pasteur. He prepares a vaccine and gives daily treatments to four dogs which had been given hydrophobia. They are immune to the disease.

Requests for his vaccine come from all over the world, but he hesitates. No attempt has been made to determine its effects on human beings. He plans a self-experiment. A mother brings her boy who had been bitten by a suspected mad dog. He still holds back, but keeps the boy in his home for observations. When the symptoms develop, he injects the vaccine and two weeks later the boy is cured.

j-h-c 11 minutes $1.85

MANUFACTURED ABRASIVES (USBM)

The opening scenes re-enact the experiment that led to the discovery of carborundum and shows use of power generated from Niagara Falls in manufacture of abrasive products. The making of aloxite, another type of abrasive, is shown. The removal of hardened grinding wheels from kiln after two weeks of continuous firing, truing side, metalbushing arbor holes, dressing peripheries, and placing wheels in stock rooms, ready for shipment, are pictured. The film closes with scenes showing making of abrasive paper and cloth used in woodworking and metalworking industries and in finishing automobile bodies.

j-h-c 22 minutes Handling charge, $1.00

MAPS AND THEIR MEANING (A, Color)

Shows the meaning of the various color zones on physical maps and illustrates the type of land found in each of these zones. Animated maps, diagrams, and color photography shows the effects of altitude, latitude, and rainfall on the way that man uses the land.

i-j-h-c-a 15 minutes $4.25

MAPS AND THEIR USES (C)

Provides an introduction to the study of the special symbols in maps, presents a variety of special purpose maps and demonstrates the different uses to which these maps and their symbols may be put. How to read a map is shown by describing a scale of distances, a grid and legend. Then uses of contour maps for understanding the various topographical formations follow to point out the importance of maps in everyday living.

j-h 11 minutes $1.50

MAPS ARE FUN (C, B&W or Color)

Introduces the fundamental concepts of map reading through the story of Ronnie, who is trying to draw a map of his paper route for his friend Dick. His map isn't satisfactory, so they call on Mr. Donaldson, a kindly old cartographer. At Mr. Donaldson's suggestion, the two boys build a scale model of Ronnie's neighborhood at a sand table.

By creating their own map and examining other maps in Mr. Donaldson's workroom, the boys learn the principles of scale, symbols, physical and political maps, various uses of color, and how to use a map index.

i-j 10 minutes B&W $1.50, Color $2.70

MAPS WE LIVE BY (ASF)

Depicts the role maps have played and are playing in the development of the world and the advancement of its people.

i-j-h 17 minutes $3.00

MARC ANTONY OF ROME (TFC, Restricted to Classroom Use)

Adapted from the photoplay, "Cleopatra," the film traces the part played by Caesar's impetuous general in the crucial period which preceded Octavius' rise to power.

j-h-c 23 minutes $2.65

MARCH OF THE MOVIES (MOT)

This film traces the development of our newest art form during its brief span. Work of compiling information and preserving films is shown as well as scenes from many of the greatest pictures, including D. W. Griffith's *Birth of a Nation,* the first American feature; Al Jolson's "Mammy" from *The Jazz Singer,* the first successful sound film; Lewis Milestone's *All Quiet on the Western Front;* modern foreign films (*Henry V, Volpone, Shoe Shine*) and many other cinema classics.

general **22 minutes $2.65**

MARCHING BAND FUNDAMENTALS: PARTS I AND II (IU)

Defines and shows mark time, half steps, and right and left flank. Illustrates cadence, column right, diminish front, increase front, and counter march. Also shows marching with instruments and the handling of instruments at play and at carry positions.

j-h-c-a 21 minutes $3.00

MARCHING BANDS: MILITARY DRILL (IU)

Use of animated sequences to explain whistle signals and music cues; review of basic flanking and to the rear movements; and description, in detail, of the military counter-march, continuous military counter-march, fantail counter-march, minstrel turn, and carnival turn.

h-c-a 10 minutes $2.35

MARIAN ANDERSON (WAR)

Vignettes of the great singer's life, from her early years through her Town Hall recital, showing scenes from her home, "Marianna." A program of favorites, including "Begrussing," Handel; "O, What a Beautiful City," Traditional Spiritual; "He's Got the Whole World in His Hands," Traditional Spiritual arranged by Marion Kerby; "Crucifixion" and "Deep River," Traditional Spirituals; "Comin' Thro' the Rye," Old Scottish Melody; "Ave Maria," Schubert.

h-c-a 26 minutes $3.70

MARINE ANIMALS AND THEIR FOODS (C)

This film effectively demonstrates the interrelation of marine animals and their surroundings by showing various sea animals and the five general types of food on which they depend. Such common marine animals as the sea anemone, sea urchin, barnacle and octopus are included. Special attention is devoted to specific adaptations of these animals for obtaining one or more of the main type of food.

j-h 11 minutes $1.50

MARINE LIFE (EB, Color)

A vivid portrayal of some of the colorful forms of animal life found under the sea. Shows typical activities of octopuses, sea urchins, hermit crabs, reef fish, sea robins, moon fish, sergeant majors, and killers of the sea. Tiger sharks, barracuda, porpoises, sea fans, and sea anemones, all are seen in their natural surroundings and in their relationships to each other.

i-j 11 minutes $2.70

MARINES HAVE LANDED (IH)

An excellent film of the U. S. Marines, their life and activities. Included are many scenes of Marines in action, landing parties, etc. Mobile operations are also shown.

h-c 11 minutes Handling charge, $1.00

MARIONETTES (GAF)

Produced at the Universal School of Handicrafts, Rockefeller Center, New York. The film shows and demonstrates the steps in constructing a clown marionette and the tools which are necessary to achieve that end. The body is made of a block of sugar pine. Indicated portions are cut away. The shoulders and body are rounded with a coarse file. The legs and arms are cut from ¾″ dowel. Cotter pins are used as joints. The foot is shaped and weighted with lead. A stuffed chamois glove is nailed to the arms. Legs and arms are attached to the body. The head is modeled in clay, greased and a plaster mold is made. A thin rubber hollow composition cast is made and painted with poster color. The head is attached to the body. The finished marionette is shown. Small screw eyes are placed in indicated positions and fishline strings attached. The control is made from lattice strips and strings attached.

j-h-c 11 minutes $1.85

MARITIME PROVINCES OF CANADA (EB)

The film orients the maritime provinces in relation to the remainder of Canada and the United States. It interestingly portrays the settlement of the region including migrations to and from the United States. Sequences include fishing, fur farming, lumbering, farming, mining, and smelting.

i-j-h 11 minutes $1.50

MARK TOBEY: ARTIST (BRF, Color)

Shows the artist in his studio and against the background of the city of Seattle. Emphasizes the inner rather than the outer life of the artist.

h-c-a 20 minutes $4.25

MARK TWAIN (STRANGE AS IT SEEMS) (ACFC)

Emphasizes the appearances of Halley's Comet at the time of Twain's birth and again at his death. Describes briefly his life on the Mississippi and in the West, then his old age and reviews the list of his famous works.

i-j-h-c-a 9 minutes $1.85

MARK TWAIN AND TOM SAWYER (IFB)

The locale of Samuel Clemens' life: his birthplace at Florida, Missouri; his later home at Hannibal, and many other landmarks. Pictures the relics in the Mark Twain museum and views of the famous cave. Describes the influence of the Mississippi River on Clemens.

j-h-c 10 minutes $1.85

MARKS OF MERIT (BNI)

An account of the historical origins and present-day importance of brand names and trademarks. The theme is carried by a family at home. A teen-age boy is interested in the exploits of knights and wishes he had lived in their day. An analogy is drawn between the heraldic symbols of the "Knights of Old" and today's symbols of pride and responsibility — the manufacturer's brand names.

i-j-h-a 18 minutes $1.50

MARKSMANSHIP: GUN PLAY (RKO)

Skeet and trap shooting plus clay pigeon shooting on wooded ranges.

h-c-a 15 minutes $2.65

MARRIAGE AND DIVORCE (MOT)

Surveys the problems of broken homes and the increasing divorce rate by examining the effects of mechanization on present day family relations. The opinions of several experts as to what should be done are included.

c-a 15 minutes $3.00

MARRIAGE FOR MODERNS: CHOOSING FOR HAPPINESS (McGH)

This motion picture is a dramatization of the problems in selecting a mate. The message is another in the series of basic problems of courtship and marriage, discussing frankly through youthful characters the various conditions which affect marital relationships. The films employ dramatic episodes to show typical young people faced with these problems, working out successful behavior patterns, and making adjustments.

c-a 22 minutes $2.65

MARRIAGE FOR MODERNS: IN TIME OF TROUBLE (Set II) (McGH)

A minister helps a wife solve a problem of a drinking husband by hinting that the trouble lies partially within herself.

h-c-a 20 minutes $2.65

MARRIAGE FOR MODERNS: IT TAKES ALL KINDS (McGH)

This is a discussion of specific personality patterns — importance of knowledge of them in evaluating the behavior of a prospective marriage partner. The fundamental idea, implicit in all films in this series on the basic problems of courtship and marriage, is that in many instances timely analysis and intelligent adjustment can spell the difference between success and failure in personal relationships.

c-a 22 minutes $2.65

MARRIAGE FOR MODERNS: JEALOUSY (Set II) (McGH)

A woman, so jealous of her husband that she drives him from her home, realizes that he is innocent and that she is at fault.

h-c-a 20 minutes $2.65

MARRIAGE FOR MODERNS: MARRIAGE TODAY (McGH)

A realistic visual treatment of the ideals and goals of adult love — marriage and children and a satisfactory and happy marital relationship. It is another in the film series on basic problems of courtship and marriage, discussing frankly the various conditions which affect marital relationships. The films have a strong emotional appeal showing typical young people faced with these problems, working out successful behavior patterns, and making adjustments.

c-a 22 minutes $2.65

MARRIAGE FOR MODERNS: THIS CHARMING COUPLE (McGH)

A dramatic narrative study of "romantic" love — the falsity of the ideas it engenders and goals it sets up. It is another in the film series on basic problems of courtship and marriage, discussing frankly the various conditions which affect marital relationships. The films employ dramatic episodes to show typical young people faced with these problems, working out successful behavior patterns and making adjustments.

c-a 22 minutes $2.65

MARRIAGE FOR MODERNS: WHO'S BOSS (McGH)

Presents the problems of married partners' adjustment to each other and to married life. It is another in the film series on basic problems of courtship and marriage, discussing realistically the various conditions which affect marital relationships. The films employ dramatic episodes to show typical young people faced with the problems, working out successful behavior patterns, and making adjustments.

c-a 22 minutes $2.65

MARRIAGE FOR MODERNS: WHO'S RIGHT? (Set II) (McGH)

A couple becomes involved in an argument; each believes the other to be wrong and neither will concede to the other.

h-c-a 20 minutes $2.65

MARRIAGE IS A PARTNERSHIP (C)

Answers the need of young people who, under the influence of romantic fiction, think of marriage as a shining goal in itself. Breaking away from the popular slightly idealized trend towards thinking that all it takes to "live happily ever after" is love, the film sets out to establish a positive approach towards marriage — to answer some of the major problems that arise during the first married years. Arguments, responsibilities, decisions, loyalties and other marital questions are raised and discussed in this film story.

h-c-a 17 minutes $2.25

MARRIAGE OF FIGARO (OF)

Short version of Mozart's opera preserving continuity and important musical highlights performed by actors with singing separately dubbed in. Narrator explains course of action.

j-h-c-a 25 minutes $3.65

MARRIAGE TODAY

See

MARRIAGE FOR MODERNS: MARRIAGE TODAY

MARSHALL PLAN AT WORK IN GREECE (ECA)

Before World War II, Greece was one of the substandard nations of Europe. Her people had a low standard of living, her livestock strains were poor, her soil all but exhausted. The Marshall Plan had to do more than simply restore Greece; it had to make Greece a better, more prosperous country. Thus this film is more than an account of reconstruction, of schools restored and transportation facilities made to operate once more. It is also a document of a changing Greece, a country whose people are for the first time being introduced to modern methods of agriculture.

j-h-c-a 13 minutes Handling charge, $1.00

MARTIN AND GASTON (BRF, Color)

Uses animation to depict the travelings of Martin and Gaston over the world. The tale of two small but fearless boys who set out to sea.

p-i 11 minutes $2.70

MARY HAD A LITTLE LAMB (Background for reading and expression) (C, Color)

The poem about Mary and her lamb is read, reenacted, and presented in live action style.

p 11 minutes $2.70

MARY LEARNS HER TRAFFIC LESSON (COF)

Mary crosses a street carefully on her way to school, but the lamb does not obey traffic rules and is almost run over. At school, the lamb learns traffic safety; so when he goes home with Mary, they cross the street correctly together.

i-j 9 minutes $1.85

MASS EXPLAINED (SOU)

An instructional film of the Catholic Mass, sixty-nine pictures in sequence, with explanations of gestures, postures and prayers. Designed to accompany the film THE PERFECT SACRIFICE.

j-h-a 24 minutes $3.70

MASSACHUSETTS (IFI, Color)

Presents the historical background of the state, including Provincetown; Plymouth Rock, Boston; Smith, Amherst, and Williams colleges; Harvard University; industries and textiles.

i-j-h-c-a 10 minutes $2.70

MASTER PLUMBER (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

MASTER WILL SHAKESPEARE (TFC, Restricted to Classroom Use)

A brief and somewhat fictionized story of the life of Shakespeare. The picture opens with scenes along the Avon and in the village of Stratford. We see the house where he was born, the school he attended, and the cottage of Ann Hathaway where he wooed his bride. Shakespeare is shown walking along the road with a box of clothes and a play sticking out from the side. He arrives at the Blackfriars Theater in London where he gets a job as keeper of the horses. Winning the attention of the proprietor Burbage, he gets promoted to prompter in the theater. He wins applause of the audience by his impromptu substitutes for lines for an actor who forgot. This he repeats and finally he is writing whole scenes and later whole plays. He is seen signing his name to his first great historical drama, "Henry VI." Next we see him in a tavern with Thomas Dekker and Ben Jonson demonstrating how a sword should be used in an act. Now he appears before Queen Elizabeth and pleases her with his acting. She commands that a play be written depicting a love affair for the buffoon Falstaff. The "Merry Wives of Windsor" was produced in fourteen days. Then came "Twelfth Night" and "Much Ado About Nothing." But that his own favorite was "Romeo and Juliet" is shown and a brief history of this play given.

j-h-c 11 minutes $1.85

MASTERS OF THE SOIL (EC)

Shows how soil is tested, how fertility can be maintained by selection and rotation of crops, how soil can be preserved and rain run-off prevented by planting of cover crops and contour farming.

h-c 23 minutes Handling charge, $1.00

MASTERSHIP (UW)

A restless, bickering middle-class English family finds a new motivation in life upon attending a church service addressed by the famous English preacher, Lax of Poplar. As Lax preaches on the need of accepting Jesus as Master, he relates anecdotes of men whose lives have been changed by the Mastership of Jesus. Instead of being related verbally, these anecdotes which concern a drunkard, thieves, and an old flower seller are shown in dramatic form.

h-a 24 minutes $3.70

MATT MANN'S SWIMMING TECHNIQUES FOR BOYS (C)

Mann's teaching techniques for the crawl, backstroke, breast and butterfly strokes are illustrated from land drills to slow motion analyses in water.

j-h-c 20 minutes $2.65

MATT MANN'S SWIMMING TECHNIQUES FOR GIRLS (C)

Application of Mann's technique in teaching girls the crawl, breast stroke, backstroke and butterfly stroke.

j-h-c 10 minutes $1.85

MATTER AND ENERGY (C, B&W or Color)

Presents the basic concept that everything in the universe is composed of matter and is affected by energy. Matter in its different forms is presented, and elements, compounds, and mixtures are defined. Physical and chemical changes of matter are explained with familiar examples, and the law of the conservation of matter is demonstrated. Although no attempt is made to explain the molecular or atomic properties of matter and energy in this elementary film, it ends with a brief exposition of atomic energy to serve as a challenge to the student and a basis for more advanced study.

j-h-c 10 minutes B&W $1.50, Color $2.70

MAYA ARE PEOPLE (IFI)

Contrasts the glory of the past civilization with the abjectness of their primitive life and suggests a parallel to all of mankind's activities.

j-h-c-a 20 minutes $3.00

MAYA OF ANCIENT AND MODERN YUCATAN (BFS)

Art and culture of the Maya Indians against a background of old and new.

j-h-c-a 22 minutes $3.00

MEANING OF CONSERVATION, THE (C)

Summarizes the history of the use of our country's natural resources and shows some of the reasons for the conservation movement. It relates many of our conservation laws, projects, and practices to two ideas important to conservation — preserving and rebuilding the land in which we live.

j-h-c 10 minutes $1.50

MEANING OF ELECTIONS (C)

Shows how our election system is based on a concept of equality, how it functions to help each citizen participate in his government, how elections select representatives and fix responsibility on elected officials.

j-h 10 minutes $1.50

MEANING OF ENGAGEMENT (C)

The engagement period should be an important step in preparing for a successful marriage. The function of the engagement period is to develop psychological unity, to learn to know each other, and to plan for the future. The film also discusses the delicate problem of "breaking an engagement" and when it is the wisest choice.

h-c-a 13 minutes $2.25

MEANING OF FEUDALISM (C)

Students are sure to get a new history experience when they see and study a feudal castle with Jacques, a French boy who lives in an ancient town below the castle. This film presents the physical elements and more, it recreates the flavor and spirit of feudal times.

i-j-h-c 11 minutes $1.50

MEANING OF LONG DIVISION (EB)

Animated drawings picture divisor and dividend by scales. Subtraction is accomplished as the divisor scale pushes portions equal to itself in length away from dividend scale. Gives a true quantitative picture of these repeated subtractions.

i 11 minutes $1.50

MEANING OF PERCENTAGE (YA)

Relates the meaning of percentage to hundredths both as fractions and as decimals. The meaning of common percentages is developed and related to social situations.

i 11 minutes $1.85

MEANING OF PI (C)

This film develops an understanding of this important mathematical ratio and outlines a study procedure by which the numerical value of pi can be checked and reviewed. In careful step-by-step procedure, the numerical value of pi is arrived at and sequences showing the use of circles in art, industry, and commerce help to fix the value firmly in the student's mind. In a closing sequence, the discovery of pi is described as one of the great advances in history.

i-j-h 11 minutes $1.50

MEANING OF PLUS AND MINUS, THE (EB, Color)

A delightful combination of photography, music, and words gives meaning to the process of adding and the process of taking away. Colorful phrases such as "chase away," "join," and "give away" are used in explaining the concepts of combining and separating familiar objects. Number symbols are skillfully introduced.

p 11 minutes $2.70

MEANING OF THE INDUSTRIAL REVOLUTION (C)

For us today, living in an age of machines, the question of "How did this begin?" is necessary to an understanding of our times. With this film your students will discover answers to our own age as they relive in England the 18th century revolution that was the change-over from hand tools, from water power to steam power. From the quiet rhythm of the spinning wheel to the multiple whirring of Hargreaves' spinning jenny to the steady pulse of a Watt flywheel, your audience will see and feel the exciting drama of industrial achievements that revolutionized Western civilization.

j-h-c-a 11 minutes $1.50

MEASUREMENT (C)

Don, a boy of twelve, encounters everyday situations involving measurement of the seven kinds treated in the film: linear, square, cubic, weight, liquid, temperature, time. The illustrations are simple ones, but they highlight the importance of measurement to modern living and motivate the study of means and tools of measuring.

i-j-h 11 minutes $1.50

MEASUREMENT OF ELECTRICITY (C)

David, concerned about overloading a household circuit, falls asleep while studying a book on electricity. In his dream, which follows, the four scientists whose names have been adopted as the four basic units of electrical measure speak to him from the book. The film teaches the fundamental definitions and the physical concepts involved in the volt, ampere, ohm, and watt.

j 10 minutes $1.50

MEASURING TEMPERATURE (YA)

Steve comes home one evening and his attention is called to several thermometers; one on the outside of the house, one in the oven of the stove, and one on the thermostat in the house. Wondering how a thermometer works, he looks it up in the encyclopaedia, and the film leads through the encyclopaedia pages into a discussion of the way thermometers work, and the many uses of thermometers.

i-j-h 10 minutes $1.85

MEAT AND ROMANCE (UW)

Gives authentic and practical information to consumers on buying, cooking, carving and serving meat, in addition to the nutritional value of this important food.

j-h-c-a 40 minutes Handling charge, $1.00

MEAT CUTTING TOOLS AND EQUIPMENT (UW)

Gives instructions for handling various kitchen knives and saws, and stresses safety precautions to be observed in using and sharpening cutting tools.

c-a 20 minutes $2.65

MEAT FOR AMERICA (ARCO)

This film, sponsored by Armour and Company, gives the complete story of origin and processing livestock to meat products.

i-j-h-c 20 minutes Handling charge, $1.00

MEATS WITH APPROVAL (USDA)

How federal meat inspection came into being and how it is administered. Illustrates inspection procedures from slaughter pens to cannery.

j-h-c 20 minutes $2.65

MECHANIC, THE (UW)

Shows the life and work of a master mechanic in the town, his job in the factory, activities around home, and a family trip to the country on Sunday.

h-c-a 20 minutes $2.65

MECHANICAL APTITUDES (C)

What would you do if your car wouldn't start? Could you fix it, or would you have to depend on someone with a little more mechanical ability? And how do you find out whether you have mechanical ability, and improve what ability you have? These are some of the questions asked at the beginning of the film. Then, through the medium of a boy who wants to know whether he is fitted for taking up the study of engineering in college, we find out about some of the tests we can take to discover our mechanical abilities.

j-h 10 minutes $1.50

MECHANICAL CRIB, THE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

MECHANICAL REFRIGERATION: HOW IT WORKS (UW)

Explains the function, theory and operation of the important parts of the refrigeration system.

h-c-a 22 minutes $3.00

MECHANICS OF LIQUIDS (C)

The dynamics of hydraulics are excellently introduced in this physical science subject. Ideas are presented in semi-story form, thus helping to relate the subject to the world about us.

j-h 11 minutes $1.50

MECHANISMS OF BREATHING (EB)

In this picture the breathing mechanism in operation is revealed. Technical animation portrays gaseous exchange in the lungs and body tissue cells, including pathological conditions. A demonstration of artificial respiration is provided. By means of animation and photography the nervous control of breathing and factors affecting rate and depth of breathing are shown.

j-h-c 11 minutes $1.50

MEDIEVAL ARCHITECTURE (UW)

The development of architectural form and line, as illustrated in the notable feudal castle of the Loire Valley in France.

h-c-a 20 minutes $3.00

MEDIEVAL CASTLES (UW)

Traces the development of castles from present-day ruins in England and from diagrams; and shows that from the time of William the Conqueror the design of castles was adapted to defense from warring enemics.

j-h-c 18 minutes $3.00

MEDIEVAL MONASTARY (UW)

Explains an important phase of history in the Middle Ages — the monastery — in terms of life in the modern Benedictine Abbey in Buckfast, England.

h-c-a 20 minutes $3.00

MEDIEVAL VILLAGE (UW)

Traces the social history of Lanton, a village in England, from the 12th century; and shows the feudal survival of the court.

h-c-a 20 minutes $3.00

MEDIEVAL WORLD (C, B&W or Color)

From the English walled city of York, from the Flemish guildhalls of Ghent, from the French cathedral of Chartres comes the film framework of the Medieval World. Knights and feudalism, Chaucer's Pilgrims, castles and crusades, these words and ideas take on meaning and relationships in this exciting visualization of medieval times.

i-j-h-a 11 minutes B&W $1.50, Color $2.70

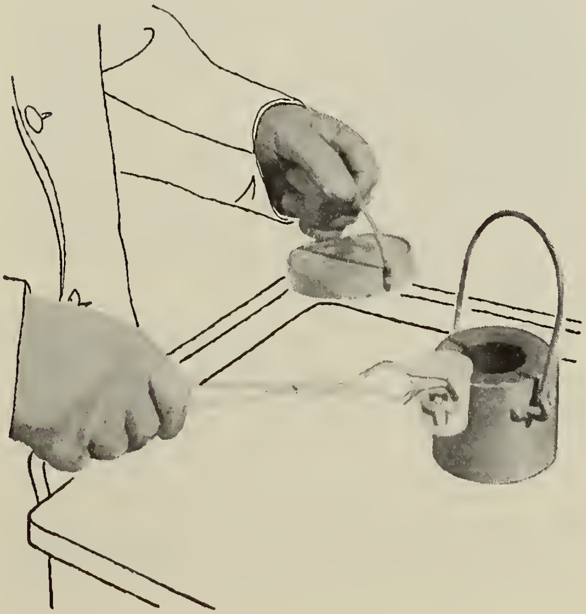
MEDITERRANEAN AFRICA (EB, Color)

A geographical and historical survey of the narrow and limited fertile area of Africa along the Mediterranean coast.

i-j-h 12 minutes $3.85

Biology

THE ATOM AND BIOLOGICAL SCIENCE
BIOLOGY ORIENTATION
HUMAN HEART
HUMAN SKIN
NINE BASIC SYSTEMS OF THE HUMAN BODY
POND LIFE
SENSITIVITY OF PLANTS



MEET KING JOE (HC, Color)

Animated cartoon of "King Joe" who is the average American working man who is "king" by virtue of his high wages and short working hours.

c-a 10 minutes $3.35

MEET THE ARTIST (IFB)

Shows how Stevan Dohanos paints covers for the *Saturday Evening Post,* from the initial idea through assembling materials in the community, composing and photographing them, and finally painting them on canvas.

j-h-c-a 14 minutes $3.00

MEET THE FORSYTES (TFC, Restricted to Classroom Use)

Presents all the members of "The Forsyte Saga" and indicates their interrelationships as they meet to celebrate Old Jolyon's eightieth birthday.

j-h-c-a 20 minutes $3.00

MEET THE SIOUX INDIAN (DFP, Color)

Shows the way of life of the Sioux Indians and their dependence upon the buffalo for food, shelter, and clothing.

i-j-h-c-a 10 minutes $3.00

MEETING IN SESSION (TC)

The first sequence shows five nurses discussing staffing problems with an autocratic supervisor. The second depicts the same group working democratically to solve its problems. The differences between the two ways of working are evident.

c-a 20 minutes $3.00

MEETING THE CHALLENGE (BO)

A comprehensive survey of the operations on the 6000-mile Baltimore & Ohio railroad. Included with scenes of present activity are scenes of early development of the railroad, with shots of early structures and engines. The operation of the Curtis Bay coal pier and coal and ore docks at Lorain, Ohio, on Lake Erie is also shown. These facilities were put into use in 1948.

general 30 minutes Handling charge, $1.00

MEIOSIS IN SPERMATOGENESIS OF THE GRASSHOPPER (ATB)

Presents three hours in the lives of the cells; shows primary and secondary spermatocytes growing through prophase, metaphase, anaphase, and telophase of both cycles of cell division; portrays structures of cells; depicts phases of the double cycle of division in plant or animal cells.

c-a 10 minutes $2.00

MELODY IN MUSIC (C)

A violin, tuba, flute, chimes, piano, marimba, cornet, and French horn are played in an elementary music class, as the youngsters demonstrate different kinds of melodies, their many variations and lengths, the effect of rhythm on melody, and how melodies can be created.

i 13 minutes $2.25

MELODY PARADE (UW)

Charley Barnet and his orchestra with Kay Starr, Dorothy Allen, June Hutton, and Gray & Diane.

general 20 minutes $2.65

MELTING AND REFINING STAINLESS STEEL (USBM, Color)

Shows operation of a 50 ton electric furnace; charging furnace, lowering electrodes, striking electric arc, controlling current, adding oxygen to burn out impurities, slagging to protect steel, taking a sample, skimming slag, adding burned lime and fluorspar, adding chromium and nickel, laboratory tests, physical testing, pouring melt into ingots. Closes with list of articles made of stainless steel.

h-c-a 23 minutes Handling charge, $1.00

MEMORIES OF SHAKESPEARE (HOP)

Shows William Shakespeare's birthplace, home, Memorial Theatre, Globe Theatre, and all the landmarks of his life and times.

h-c-a 33 minutes $3.70

MEMORIES OF SPAIN (TFC, Restricted to Classroom Use)

Narrated by Lowell Thomas, the film was taken before the Spanish Civil War and shows a beautiful and peaceful countryside. Castles, shepherds and sheep in the mountains, women winding yarn and knitting, and men and women harvesting oranges are shown.

i-j 10 minutes $1.85

MEN AND THE SEA (OWI)

This picture deals with the training in detail of men of the United States Navy. It shows their training in the classroom and aboard ship. The necessity of well-trained sailors is stressed.

general 11 minutes $1.50

MEN AT WORK (McGH)

Shows the results from the human relations point of view when a speeded-up conveyor system and a clash of temperaments disrupt the men working on the assembly line.

h-c-a 27 minutes $3.85

MEN OF FIRE (BFS)

The evaluation of fire fighting methods, equipment and training past and present is reported realistically with occasional touches of humor.

general 10 minutes $1.50

MEN OF MEDICINE (FF)

Some of the problems facing young and practicing doctors are presented. Among these problems are giving adequate medical care for people of low and middle incomes and some of the proposals for distributing these benefits. The film is exceptional both as a social documentary and for vocational use.

j-h-c 15 minutes $2.25

MEN OF OUR AGE (OF)

A critical and analytical study of both the works of Jo Davidson, and of the people who have been his subjects. It was photographed at the National Institute of Arts and Letters, and at the American Academy of Arts and Letters. It is quite remarkable for its mobile treatment of inanimate subjects.

h-c-a 11 minutes $1.85

MEN OF ROCHDALE (CLUS)

The story of struggle and success of Britain's pioneers who opened their Toad Lane store in 1844.

h-a 50 minutes $6.00

MEN OF SCIENCE (McGH)

Shows the Massachusetts Institute of Technology, outstanding science center.

j-h-c-a 18 minutes $3.00

MEN OF TOMORROW, CHILE (WHF)

Mario is a homeless boy living in the railroad yards in Talca, Chile. Shining shoes for a living he often spends the little he earns gambling. With some bad companions he is caught robbing a house and is taken to an American Priest who runs a home for neglected boys called "The City of the Men of Tomorrow." Mario is rehabilitated and finds a decent place in life. A great deal of insight is given to the agriculture of Chile.

j-h-c-a 22 minutes $2.65

MEN OF WEST POINT (TFC, Restricted to Classroom Use)

Relates the story of West Point men, showing phases of their training and their graduation exercises.

i-j-h 11 minutes $1.85

MENACING SHADOWS (WE)

Stresses the importance of preventing malnutrition; demonstrates proper meal planning.

h-c-a 20 minutes $1.00

MENDELSSOHN: MIDSUMMER NIGHT'S DREAM (SG)

The Radio Philharmonic Orchestra of Italy plays Mendelssohn's Midsummer Night's Dream.

h-c-a 22 minutes $3.00

MENTAL HEALTH (EB, B&W or Color)

Defines good mental health, describes its attributes, and discusses its importance to the individual and to society. Illustrates symptoms of mental ill-health, defining such terms as neurosis and psychosis. Explains the basic structure of the personality, and suggests various ways in which mental health can be maintained and improved.

h-c-a 11 minutes B&W $2.25, Color $3.85

MENTAL SYMPTOMS SERIES: DEPRESSIVE STATES, NO. I (McGH) (Restricted to professional audiences and audiences with a continuing interest in mental health.)

A middle-aged male patient suffering from recurrent depressions is seen in the evening and again on the following morning with symptoms of pronounced motor agitation, depressed mood, feelings of hopelessness and sinfulness, and distinct fluctuation in his mood during the course of the day.

c-a 12 minutes $3.00

MENTAL SYMPTOMS SERIES: DEPRESSIVE STATES, NO. II (McGH) (Restricted to professional audiences and audiences with a continuing interest in mental health.)

A middle-aged woman, presenting a picture of depression characterized by pronounced retardation, becomes extremely slow in her movements, speech, and mental processes. A young woman presents depression as the final reaction to an unbearable life situation in which she has attempted suicide on two occasions.

c-a 12 minutes $3.00

MENTAL SYMPTOMS SERIES: FOLIE À DEUX (McGH) (Restricted to professional audiences and audiences with a continuing interest in mental health.)

Presents a demonstration of symptoms of folie à deux, or induced insanity, in two patients, mother and daughter. The daughter expresses a number of grandiose delusions and delusions of persecution, which ideas the mother accepts as reality.

c-a 15 minutes $3.00

MENTAL SYMPTOMS SERIES: MANIC STATE (McGH) (Restricted to professional audiences and audiences with a continuing interest in mental health.)

A patient exhibits characteristic symptoms of the chronic manic state: the triad of symptoms which reflect exaggeration of otherwise normal moods of behavior — over-activity, increased and accelerated ideation, elation.

c-a 15 minutes $3.00

MENTAL SYMPTOMS SERIES: ORGANIC REACTION-TYPE: SENILE (McGH) (Restricted to professional audiences and audiences with a continuing interest in mental health.)

Two patients — a woman and a man — both suffering from senile psychosis, evidence impairment of intellectual functions in such symptoms as a loss of memory, disorientation in time, perseveration of ideas, canfabulation, brief span of attention, and delusions.

c-a 12 minutes $3.00

MENTAL SYMPTOMS SERIES: PARANOID CONDITIONS (McGH) (Restricted to professional audiences and audiences with a continuing interest in mental health.)

Shows two patients; the first, an acute paranoid admitted to hospital six months previously and exhibiting a delusional system in which the government and religion play an important role; the second, a chronic paranoid with delusions of persecution by a powerful group which has been spying on her with recording devices for years.

c-a 13 minutes $3.00

MENTAL SYMPTOMS SERIES: SCHIZOPHRENIA, CATATONIC TYPE (McGH) (Restricted to professional audiences and audiences with a continuing interest in mental health.)

Three male patients who have been hospitalized for from five to fifteen years show such symptoms as lack of activity, obliviousness of their environment, negativism, inflexibility, and automatic obedience.

c-a 14 minutes $3.00

MENTAL SYMPTOMS SERIES: SCHIZOPHRENIA, HEBEPHRENIC TYPE (McGH) (Restricted to professional audiences and audiences with a continuing interest in mental health.)

A male patient, hospitalized for thirteen years, exhibits such symptoms as untidy appearance, stereotyped mannerisms, irrelevant and incoherent speech, disorganized thinking and poverty of ideas, and the senselessness laughter and grimacing which characterize the hebephrenic.

c-a 13 minutes $3.00

MENTAL SYMPTOMS SERIES: SCHIZOPHRENIA, SIMPLE TYPE DETERIORATED (McGH) (Restricted to professional audiences and audiences with a continuing interest in mental health.)

A female patient about forty years of age who has been psychotic for more than ten years shows symptoms of apathy, indifference, inappropriate emotional reaction, gracelessness of posture, lack of ambition and initiative, and hallucinations.

c-a 12 minutes $3.00

MENU PLANNING (C)

Discusses four things to keep in mind when planning menus: the cost of the food, whether the family likes it, the amount of work involved in preparing the meal, and the nutritive value of it. Shows how planning menus in advance can save time and money, and make the meals more attractive.

j-h-c 11 minutes $1.50

MERCHANDISING FRESH FRUITS AND VEGETABLES (USDA, Color)

Ways in which grocers and proprietors of food markets may make their displays more attractive and facilitate sales. Shows how to make displays so that customers picking out fruits and vegetables will not disarrange the display, how to use the natural colors of the products in making attractive looking displays, how to make it easy for customers to pick what they want and buy it. Also suggests ways in which fruit may be kept fresh and attractive overnight, salable the next day.

c-a 20 minutes $1.50

MERMAIDS OF FLORIDA (FON, Color)

Shows attractive girls — water skiing at Cypress Gardens and performing in the water ballet at Weeki-Wachee.

j-h-c-a 13 minutes $4.25

MERRY CHRISTMAS (SF)

The world famous Vienna Boys' Choir sings many of the world's most beloved Christmas Carols. Story of film shows boys preparing for a festive Christmas party.

i-j-h 17 minutes $2.65
(one day only)

MERRY CHRISTMAS (UW)

Catches all of the life, suspense, expectancy and excitement that mounts for more than months to the glorious day of December 25th. Woodsmen in the forests are hunting for your snow-tufted trees; farmers are fattening the holiday turkeys; craftsmen are perfecting new presents for Junior and Sister. With quickening pace, store windows blossom with moving displays of marvelous appeal; streets hum with shoppers. Finally the Eve of the great day arrives — and with it is Santa Claus himself.

p 11 minutes $2.00
(one day only)

METAL CRAFT (EB)

Presents and explains the steps taken by a master craftsman in making a pewter bowl by spinning and shaping a blank for later soldering to a cast base. The craftsman then creates a bronze bowl by raising, smoothing, annealing, planishing and burnishing a blank disc. Methods of constructing a candlestick mold, inserting the core, pouring, removing, and finishing the pewter cast are demonstrated. The designing, chasing, shaping, and soldering the sides and top of a jewel box also are shown.

j-h-c 11 minutes $1.50

METAL CUTTING TOOLS (FP)

This film starts with the structure of metal, and an explanation of its properties. It shows in detail how a chip is produced. This naturally develops the reasons for the various angles that are incorporated in practical tools, such as: clearance, back and rake angles, etc. The reasons why certain ways of setting up are correct, while others are wrong. Causes and cure of chatter. Both single and multi-edge tools are explained. These are but a few of the many subjects explained. This film lays the foundation for the student that will enable him to understand how to get the most efficient production from any machine tools.

h-c 20 minutes $2.65

METALS AND NON-METALS (C)

Here is another film that accomplishes a specific instructional task for a specific science unit. It shows clearly the relationship of laboratory work to a general understanding of metals and non-metals and helps eliminate the need for many demonstrations by the instructor or assistant. While basically intended to be shown as part of the unit study, Metals and Non-Metals can also be shown with value as an introductory experience or after completion of the unit as a "spot" review.

i-j-h 11 minutes $1.50

METHODS OF PROCESSING PLASTICS MATERIALS (UW)

Demonstrates fundamentals of the compression, transfer, extrusion, and injection molding methods; finishing molded parts; fundamentals of lamination; and machining laminated and other plastics products.

h-c-a 20 minutes $2.65

MEXICAN CHILDREN (EB)

By means of authentic photography, the home life of the Mexican child is brought to the screen to provide American and other children of primary grade age with an idea of the cultural patterns of modern Mexico. Consideration also is given to the Mexican child's preparation for citizenship, his kinds of recreation, the types of toys he plays with, his style of clothes, and his local travels and explorations. In all, the film develops a better understanding and appreciation of our neighbors in Mexico than most children ever acquire. As with other primary grade pictures, it can be used for motivating a number of classroom projects.

p-i-j 11 minutes $1.50

MEXICO (IFI, Color)

Historical, geographical, industrial, and scenic highlights of the country.

i-j-h-c-a 10 minutes $2.70

MEXICO (Spanish Language) (HOP)

Travels from the Alamo in Texas to the buildings and people of Mexico. Moves from the cities to the ancient Mayan ruins.

h-c-a 10 minutes $1.85

MEXICO CITY (UW, Color)

Shows cathedrals, modern hotels and parks of the city, the flower markets at Xochimilco, and the dance to the fire god during the fiesta.

h-c-a 11 minutes $3.00

MEXICO, CIUDAD ENCANTADORA (IFB, Color)

Presents a travelog of Mexico City with narration in Spanish. Includes murals of Diego River canals of Xochimilco; the altar of the basilica of Guadalupe, and a bull fight.

j-h-c-a 20 minutes $4.25

MEXICO SERENADE (SF)

In three sequences, presents dances of Mexico: The Mexican Village, a ballet-like sequence in which the dancers do a flamenco; Rhumba, the modern dance; and a Mexican Folk Dance.

h-c-a 10 minutes $1.85

MICKEY AND KIDNAPPER (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY AND SIMON LEGREE (BRF)

Havoc breaks loose as Mickey Mouse and his friends interpret Uncle Tom's Cabin.

general 5 minutes $1.50

MICKEY AND STEEL WORKER (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY AND THE BULL (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY AND THE GIANT (BRF)

Mickey climbs beanstalk; struggle with giant in castle; almost swallowed in sandwich. Gag with pepper in giant's face. Escapes after setting fire to beanstalk, causing giant to fall through earth to China. Based on "Jack and the Beanstalk."

general 5 minutes $1.50

MICKEY AND THE PIRATES (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY GETS DUNKED (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY GETS THE BIRD (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY GIVES A PARTY (BRF)

The gang has a buffet supper at Mickey Mouse's house. There is some fast dancing that sets the furniture into action, and it takes up the rhythm and joins in the fun. As the noise and activity increase, the police enter to quiet things, but find the dance too inviting and soon join the party.

general 5 minutes $1.50

MICKEY IN TINY TOWN (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY PLAYS (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY PLAYS SANTA CLAUS (BRF)

Christmas at Minnie's; tree trimming. Find basket of kittens at doorstep. They wreck house; strip tree; take gifts and candy.

general 5 minutes $1.50
(one day only)

MICKEY SAVES THE AIR MAIL (BRF)

Mickey, pilot, eludes Pete, mail bandit. Chase and battle in planes. Mickey captures Pete, saves the mail and is hero of the day.

general 5 minutes $1.50

MICKEY THE HUNTER (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY vs CANNIBAL (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S AIR RAID (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S ARABIAN FIGHT (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S BIG CHANCE (AAA)

Demonstrates good driving habits in young drivers.

h-c-a 20 minutes $2.65

MICKEY'S BIG STORY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S CHAMP KICKER (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S CUTIES (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S DUCK LURE (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S EXCITING PICNIC (BRF)

Mickey, Minnie, Horace, and Clarabelle go camping. Horace swats a mosquito who becomes angered. Soon, the mosquito's friends attack the picnickers in an army "V" formation, but Mickey routs them with a clever device.

general 5 minutes $1.50

MICKEY'S EXPRESS (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S FAST TRAIN (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S GIANT RABBIT (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S GROCERY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S JAZZ BAND (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S MAD DOG (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S MOOSE HUNT (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S OUTBOARD (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S OUTING (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S SEALS (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S TRAP (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICKEY'S TRICK HORSE (BRF)

Mickey is a jockey in a big race. Horse gets sick — so Mickey puts two colored stable boys in horse costume. Gag with hornets causes Mickey's horse to win.

general 5 minutes $1.50

MICKEY'S WILD PARTY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

MICROBES (AL)

The microscopic "world" of microbes. Their shapes and sizes are so varied that they present a bewildering array of living creatures. Thanks to microphotography we can examine some of these beings which are the tiniest of living organisms — the polyps, amoeba, paramecium and hard shelled animalcules.

j-h-c-a 10 minutes $1.85

MICROMETER, THE (USOE)

Depicts the various types of micrometers that are in common use in industry, and explains how micrometers are read and emphasizes their correct use and care. Animated diagrams are used to explain the nomenclature of the micrometer. Variations of the micrometer in the form of outside, inside, and depth micrometers are demonstrated and the correct reading of the barrel and thimble scales are shown. The film closes with a review of the main points to be observed in using these precision measuring tools.

h-c 22 minutes $2.00

MICROSCOPE AND ITS USE, THE (YA)

A demonstration film explaining the basic parts of the microscope, its function, and its use. It explains thoroughly, step-by-step, the method of learning to operate and use the microscope properly. Attention is given throughout the film to proper care of the instrument.

j-h-c-a 10 minutes $1.85

MICROSCOPIC WONDERS IN WATER (DPP, Color)

Microphotography is used to show typical microscopic animals which may be found in a drop of water.

i-j-h 10 minutes $2.70

MIDDLE DISTANCES (UW)

Demonstrates the importance of sprinting techniques, ball of the foot running, automatic stride, pendulum and bicycle stride.

h-c-a 10 minutes $1.85

MIDDLE EAST (EB, Color)

Provides an overview of this vitally important area. The lands and the people, their homes, natural resources and industries are shown as they are today.

h-c-a 16 minutes $4.25

MIDDLE EAST: ISRAEL (BUILDING A NATION) (UW)

Tells the importance of the Middle East. Who the people are that live there and what they do for a living — what kind of topography the land has and what the most important resources are. Shows the beginning development of the new nation of Israel.

j-h-c-a 16 minutes $2.65

MIDDLE EAST — POWDERKEG ON THE RIM OF THE COMMUNIST WORLD (McGH)

Describes the increasing nationalistic spirit of Egypt, Iran, Israel, Lebanon, and other countries of the Middle East where a propaganda battle is being waged between communism and Western democracy, and the political and economic problems confronting them.

j-h-c-a 30 minutes $3.70

MIDDLE STATES, THE (EB)

Presents in sequential form an overview of man's use of resources in the states of Minnesota, Iowa, Missouri, Illinois, Wisconsin, Michigan, Indiana and Ohio. Domestic and European migration and population trends are indicated by animated drawings. Agricultural and industrial projects in each section are portrayed and relationships are noted with particular reference to other regions of America.

j-h-c 11 minutes $1.50

MIDGET CAR MANIACS (UW)

Abbott and Costello run wild on a midget race track.

general 10 minutes $1.50

MIDSUMMER NIGHT'S DREAM, A: INTRODUCTION TO THE PLAY (C, B&W or Color)

Key scenes from *A Midsummer Night's Dream* are staged. Uses familiar passages and significant actions to illustrate the setting and plot of the play. Clarifies the way in which the characters act, their relationships to one another, and the language they speak.

j-h 14 minutes B&W $2.65, Color $4.25

MIGHTY COLUMBIA RIVER, THE (C, B&W or Color)

In shooting scenes of the work of the Bonneville and Grand Coulee dams, the camera captures the tremendous force and vitality that make the Columbia not only the largest river flowing into the Pacific from the west coast of our continent, but also one of the world's greatest sources of hydroelectric power. It is also one of the world's important sources of fish.

i-j-h-c 11 minutes B&W $1.50, Color $2.70

MIGHTY MUSKIE (NFBC, Color)

Shows muskelunge country and the sport of fishing for the northern giant. Demonstrates the best lures, and types of casting.

j-h-c-a 10 minutes $1.00

MILDRED DILLING, HARPIST (FCI)

The technical proficiency of this leading woman harpist is matched by a stage presence "subtly and charmingly in accord with the shining blond instrument at which she sits." In the past five seasons she has appeared before 355 select audiences in America and Europe. She plays: "The Fountain" by Zabel; "March of the Men of Harlech" — Welsh Air arranged by John Thomas; "Fireflies" by Hasselmans.

i-j-h-c 10 minutes $1.85

MILK (EB)

The dramatic story of milk from the dairy farm to the table is presented. The use of machines is emphasized without stressing technical details.

p-i 11 minutes $1.50

MILK AND PUBLIC HEALTH (UW)

Shows the need for and demonstrates sanitary methods of milk processing.

h-c-a 11 minutes $1.85

MILK PARADE (MIF, Color)

Shows the production and distribution of milk, from the cow to the doorstep. Pictures the pasteurization, homogenization, testing, and bottling of milk.

j-h-c-a 10 minutes $1.00

MILK PROCESSING (UW)

Explains in detail the handling and pasteurization of milk. The importance of proper methods in guaranteeing a safe milk is stressed.

h-c-a 24 minutes $3.35

MILKY WAY (ASF)

Presents the story of milk production and distribution from "cow to doorstep."

j-h-c-a 10 minutes $1.85

MILKY WAY, THE (ISO)

Various telescopic fields are studied to give a clearer understanding of what the Milky Way really is.

j-h-c-a 10 minutes $1.85

MILLING MACHINE, THE (USOE)

This subject demonstrates a standard plain milling machine. The pictures and commentary indicate the basic principle of the milling machine, a revolving cutter and a movable table that holds the work. The necessity for a rigid cutter set-up is shown and explained. The movements of the table are demonstrated. Use of index dials on the hand-wheels in controlling the movement of the table to within a thousandth of an inch is emphasized. The speed and feed selectors are located and their function demonstrated. The nomenclature of the machine is explained.

h-c 22 minutes $2.65

MILLING MACHINE OPERATIONS (USOE)

Presents the operation of a milling machine so that it can be easily understood by the beginner. The various types of cutters, and the work that can be done on this machine are shown. Conventional and climb milling are explained and the reasons for each are given. Also shown are the various methods of holding work and precautions to be taken.

h-c 22 minutes $2.65

MILWAUKEE WAY, THE (UWI, Color)

Depicts a city's entire governmental structure, its economic basis, and its developmental problems. Shows the city of Milwaukee in its role of a great center of production and industry and a place of fruitful and pleasant living. How Milwaukee has won numerous national health and safety awards is shown as well as its splendid recreational facilities for living the "good life."

h-c-a 40 minutes $5.20

MIND YOUR MANNERS! (C)

A high school boy and his sister discover the correct way to act when with friends, when meeting new friends, when at home, at school, or on a date; and learn the proper courtesy when driving an automobile, riding a bus, or walking on the sidewalk.

h 10 minutes $1.50

BALLAD OF THE WEST

A cowboy's search for a "spread of his own."

15 MINUTES RUNNING TIME $2.25 PER WEEK

MINER, THE (BIS)

Shows the work of each of the three shifts of miners at the Hulton Main Colliery. The consultation committee in session and material on the welfare of miners is also included.

h-c-a 37 minutes $4.45

MINING IRON ORE (UM, Color)

Shows areas of Northern Michigan, Wisconsin and Minnesota which produce most of our iron ore with scenes of the open pit mining operations and processing techniques as sluicing and sintering. Seen briefly is underground mining and several geological specimens are studied. Methods used to sample and analyze are depicted and film ends with a ship being loaded and moving out on to Lake Superior.

j-h-e 15 minutes $4.00

MINNESOTA BROWN TROUT (UM, Color)

Tells of research and propagation programs being carried on by the Minnesota Department of Conservation.

c-a 20 minutes $4.25

MINOR REPAIR OF METAL COVERED WINGS AND CONTROL SURFACES (CAA)

Shows how a patch is made in the field on a wing damaged by shell fire; how a stiffener is replaced; how various types of rivets are applied; and how a damaged rudder is repaired.

h-a 30 minutes Handling charge, $1.00

MINT, THE (TFC, Restricted to Classroom Use)

Here is the inside story of Uncle Sam's newest coinage plant at San Francisco. It shows coinage from the initial artist's design through lettering on the original clay model; making the plaster model by hand; reproduction of the finished bronze replica; and transferring it to the small die which strikes off coins. The whole mechanical process of mixing metals, stamping and annealing coins, polishing, checking for defects, and counting is given.

i-j-h 11 minutes $1.85

MINUTES ARE PENNIES (FF)

Is a story that deals with basic methods of work. By tracing an order through the hands of the filing clerk, the stenographer, the telephone operator, the salesman and the office boy we see the inefficient methods they use in their work. The order is cancelled because it is late in arriving at the delivery entrance. The manager realizes that certain persons have been responsible for this cancellation and he explains to them the proper working methods in an organization.

h-e 22 minutes $3.00

MIRACLE (UNF)

Portrays the life of a musician who becomes an alcoholic and whose spiritual reawakening in a Gospel mission results in his return to health, family, and profession.

j-h-c-a 26 minutes $3.70

MIRACLE FROM MOLD (SF)

Presents the scientific story behind terramycin.

j-h-e-a 10 minutes $1.85

MIRACLE IN PARADISE VALLEY (S)

Shows many avoidable farm accidents and how they can be prevented.

j-h-a 35 minutes $1.50

MIRACLE MAKERS
(TFC, Restricted to Classroom Use)

After tracing the development of water, steam and electric power, this film, through shots of the cyclotron at the University of California, stresses the potential importance of the atom as a source of future power.

h-c 11 minutes $1.85

MIRACLE MONEY
(TFC, Restricted to Classroom Use)

Part of Crime Does Not Pay Series showing the activities and eventual exposure of a quack doctor who runs a private hospital and advertises a cure for cancer with a dramatization of the police record.

h-c-a 22 minutes $2.85

MIRACLE OF BLUE CLOUD COUNTY, CHINA (WHF)

Mark Tennien driving his jeep through the Chinese countryside to Blue Cloud County where no priest had ever been before to bring the mother church to the pagan Chinese almost at the cost of his life. Father Mark Tennien's success through an accident which brings 12,000 Chinese to the arms of the Church.

i-j-h-a 22 minutes $2.65

MIRACLE OF CASSINO (AFF)

Shows the reconstruction of Cassino and the busy activities of the Italian people in this town which was virtually destroyed in World War II.

h-c-a 12 minutes $2.65

MIRACLE OF CHRISTMAS (SDPC)

Presents a plea for the carrying over of the Christmas spirit and applying it to all walks of life throughout the year.

h-a 13 minutes $2.65
(One day only)

MIRACLE OF LIFE (NA)

By means of microscopic photography, the everlasting mystery of cell development, cell division, egg growth, insemination and life forms, are vividly portrayed.

j-h-c-a 11 minutes $1.85

MIRACLE OF MOSS (AL)

A wide variety of mosses are seen, and their reproduction is observed under the microscope.

j-h-c-a 10 minutes $1.85

MIRACLE OF REPRODUCTION (SD)

Art drawings and live action photography show that all forms of life stem from a similar source — a tiny, microscopic egg.

i-j 15 minutes $2.65

MIRACLE OF THE MEADOWS (BFS)

Includes the entire process of milk production, of government control of milk production, receipt of milk at the large pasteurizing plant, weighing and testing, butter fat and bacteriological tests, holding vats, the latest equipment and methods of pasteurization and bottling, storage, transportation, and delivery.

i-j 19 minutes $3.35

MIRACLE OF THE TREES (IFB, Color)

Time lapse photography shows how tree buds swell, burst open, and release miniature but perfect leaves and flowers.

i-j-h-c-a 10 minutes $3.00

MIRACLE ON SKIS (REP)

Shows how two men, one legless and the other having lost a leg in the war, re-develop their skills as skiers through the use of artificial aids.

j-h-c-a 16 minutes $2.65

MIRACLE ON THE MESA (AS, Color)

Scenes from the life of the Hopi tribe on the mesas of Arizona. Here in this dry climate, farmers raise their corn and tend their sheep while the women make pottery and do the household chores. The eagle dance is performed each year, intoning their gods to send the needed rain. Other films in this series are: Pueblo Heritage and Seminoles of the Everglades.

general 20 minutes Handling charge, $1.00

MISSION ACCOMPLISHED (OWI)

This is the story of the first all-American raid over occupied Europe. American crews, piloting their Flying Fortresses, attack the railroad yards at Rouen and return safely to their base in England.

h-c 10 minutes $1.50

MISSISSIPPI RIVER: LOWER RIVER (A)

Important features of the river from the junction with the Ohio River to its mouth at New Orleans. Its importance as a means of transportation, the danger of floods, and the river's importance to the agriculture of the central south region is shown. The river ports of Memphis and New Orleans are seen.

i-j-h-c-a 14 minutes $3.85

MISSISSIPPI RIVER: UPPER RIVER (A)

A study of the river from its source to its central section near St. Louis, Missouri. Traces its course and its use by man, the operation of the dams and the locks built to improve navigation, and its importance to the cities of St. Louis and Minneapolis.

i-j-h-c-a 14 minutes $3.85

MISSOURI AND ITS NATURAL RESOURCES (USBM, Color)

The diversity of a State whose mineral resources range from barite and coal to lead and zinc is emphasized. Missouri's factories produce almost everything from aspirin to zippers, and its population is balanced almost evenly between urban and rural. The State as a transportation and communication center both today and in history is pictured, as well as its agricultural prosperity and recreational facilities.

general 33 minutes Handling charge, $1.00

MR. BARNABY SLEEPS IN THE SKY (CAA)

An attempt to lampoon the common "fear" of flying. The film takes an amusing and terrified little man from his office to the airport and traces the growth of his confidence as he encounters the facts of air transport. Particular stress is laid upon the thoroughness of pilot selection and training.

j-h-c-a 14 minutes Handling charge, $1.00

MR. FARMER BUILDS A SEPTIC TANK (PCA, Color)

Indicates the uses of water on the farm, particularly in getting rid of waste. Shows how a septic tank is constructed and how the tank works. Available to Illinois users only.

h-c-a 20 minutes No charge

MR. STICKLEBACK (AL)

Shows the nesting habits of the stickleback fish wherein the male fish rears the young.

p-i-j-h 10 minutes $1.85

MITTENS: STORY OF A KITTEN (C, B&W or Color)

Intended to provide background for reading and expression. The story of a little girl and her kitten. Words such as "nursing," "drinking," "play," "whiskers," and "climb," are matched to scenes defining their meaning and the audience is aided in verbalizing their experiences with kittens and other animals.

p 10 minutes B&W $1.50, Color $2.70

MIXER, THE (MFA, Color)

A young man dreams he is in a serious accident because he has disobeyed traffic rules. He learns that careless driving practices can only lead to trouble. Stresses the dangers of drinking while driving.

h-c-a 15 minutes $1.85

MOBILIZATION OF THE HUMAN BODY (ASF)

Illustrates a series of stretches and pulls intended to loosen contracted fibrous tissues of the body through progressive stretching of the ligaments.

c-a 20 minutes $3.00

MODEL RAILROADS (SF)

A fascinating minature hobby gives big time thrills.

i-j-h-c-a 10 minutes $2.35

MODERN BASEBALL (IHSA)

Demonstrates the rules which apply in many play situations, and shows correct game administration by umpires.

h-c-a 30 minutes $1.50

MODERN BASKETBALL (IHSA)

In game situations and in slow motion the rules of high school basketball are shown. The rules outlined in detail are: how the ball becomes alive, how the ball becomes dead, the dribble, types of fouls, both personal and technical, and pivoting.

j-h 30 minutes $1.50

MODERN BUSINESS MACHINES (TAE)

Demonstrates many automatic business machines which are not likely to be available in business education classrooms. Includes machines for dictation, filming, stenciling, lithography, etc.

h-c 20 minutes $3.00

MODERN CANADA (McGH)

Depicts the industrial growth of Canada since World War II.

j-h-c-a 30 minutes $3.70

MODERN CHIPPEWA INDIAN (IFI, Color)

Produced on Red Lake, Chippewa reservation in Minnesota showing how they live and work.

i-j-h-c-a 10 minutes $3.00

MODERN DANCE (UUH)

A high school dance class demonstrates dance composition and technique. The girls compose a dance of their own.

j-h 15 minutes $2.65

MODERN DIXIE (TFC, Restricted to Classroom Use)

Shows changes in the South on a trip through Louisiana with New Orleans as the first stop.

i-j-h 9 minutes $1.85

MODERN FARM MACHINES BRING BACK THE RANGE (Case, Color)

Demonstrates how to reclaim range land for farming as advocated by the U.S.D.A. Soil Conservation Service and the Forest Service; and illustrates the proper use of equipment in breaking the land, seeding, combining grass crops for seed, and the results of proper management and range improvement practices.

h-c-a 20 minutes $1.00

MODERN FOOTBALL (IHSA)

Interpretation of football rules demonstrated by players in action.

h-c-a 28 minutes $1.50

MODERN FRANCE: THE LAND AND ITS PEOPLE (C, B&W or Color)

France of today is vividly presented here — from the wheat fields of Normandy to the factories of Nancy. Steel workers, grape growers, fishermen and truck gardeners are shown, bringing a "human" approach to any study unit on France. Geography, language and social studies teachers will find a wealth of material in this picture of French life.

i-j-h-a 11 minutes B&W $1.50, Color $2.70

MODERN GUIDE TO HEALTH (YA)

Done altogether in animation, it uses a cartoon-type presentation to discuss such health factors as posture, selection and care of clothing, and the importance of sleep and rest.

i-j-h-c 11 minutes $1.85

MODERN HAWAII (C, B&W or Color)

The camera moves to the "Paradise of the Pacific" to bring romantic Hawaii, in all its natural splendor, to the classroom. Hawaii is seen as it lives and prospers. There is the home port of our Pacific fleet — Pearl Harbor — and our great military bases. It is shown how Hawaii, as a scenic haven, economic asset, transportation crossroads, and outpost fortress, ranks among the most important possessions of the United States.

i-j-h-c 10 minutes B&W $1.50, Color $2.70

MODERN LITHOGRAPHER, THE (EB)

Describes in detail the techniques of lithographic artists and the processes of duplicating black and white and color originals by means of direct and photo-offset lithography. The roles of the commercial photographer and the modern printing press in the mass production of attractive art prints including advertising materials, are portrayed. The relation of commercial art to problems of present-day living is indicated.

j-h-c 11 minutes $1.85

MODERN MEXICO (IFI)

Examines Mexico's cities, architectural achievements, people, transportation, housing, education, harbors, and sports.

i-j-h-a 11 minutes $1.85

MODERN SURGERY (MOT)

Follows a patient through an operation for gallstones, showing modern surgical techniques, pre-operative and post-operative care, modern anesthetic techniques, surgical teamwork, and other things that go into modern, safe, rapid surgical operations.

h-c-a 20 minutes $2.65

MODERN WEATHER — THEORY AND STRUCTURES OF STORMS (AAF)

Deals with the circulation of the atmosphere which creates the prevailing winds. Animation and maps, combined with commentary, explain the principles of the air currents created by the tropical regions and the polar regions and the deflection of these winds in terms of the earth turning on its axis. This provides an explanation for the prevailing westerlies and the formation of the trade winds. An explanation that six degrees of Fahrenheit for each 1,100 feet of ascent is lost, combined with the explanation that cooling reduces the capacity to hold moisture, serves as a basis for an elementary explanation of polar fronts.

Part I — Primary Circulation

j-h-c 18 minutes $2.45

Part II — Development and Characteristics of Atmospheric Waves.

j-h-c 15 minutes $2.45

MODERN WEATHER — THEORY AND STRUCTURE OF STORMS — WEATHER IN VARIOUS PARTS OF AN OCCLUDED WAVE (CAA)

Describes the characteristics of warm, cold, and occluded fronts; shows the type of clouds associated with each type of front; tells how an occluded front is produced and explains how to fly through one.

h-c-a 23 minutes Handling charge, $1.00

MOHAMMEDAN WORLD: BEGINNINGS AND GROWTH (C, B&W or Color)

Reviews the history of the Mohammedan way of life — history, religion, politics, language, and art — and its impact on western culture, filmed in Baghdad, Mosul, Damascus, Cairo, and Old Jerusalem.

i-j-h-c 10 minutes B&W $1.50, Color $2.70

MOLDING WITH A GATED PATTERN (UW)

What a gated pattern is and why it is used; how a match, or fellow board may be used to simplify making a parting; how sand facing is prepared and used; and how and why some patterns are rapped through the cope.

h-a 11 minutes $2.00

MOLDING WITH A SPLIT PATTERN (UW)

Why split patterns are used; how ramming affects the permeability of sand in a mold; how to mold the drag and cope; reinforce a mold with nails; and how to patch a mold.

h-a 19 minutes $2.65

MOLECULAR THEORY OF MATTER (EB)

Evidence of molecular activity in gases, liquids, and solids is presented in support of the molecular theory of matter. Animated drawings explain such phenomena as the diffusion of gases, the evaporation of liquids, and the transformation of liquids into solids, in terms of the theory. Among the features of the film are the machine gun illustration of the force exerted by molecules in action, and the microscopic view of the Brownian movement, direct evidence of molecular motion.

j-h-c 11 minutes $1.50

MOLLY GROWS UP (MF)

Shows Molly, a thirteen-year-old girl, growing into healthy knowledge and attitudes about womanhood. Without being shocking, it deals directly with all the problems and information which girls want discussed.

h-a 15 minutes $3.00

MOMENTS IN MUSIC
(TFC, Restricted to Classroom Use)

Scenes from Hollywood films are used to represent music brought to us in motion picture theaters. Among the performers are José Iturbi, Lily Pons, Betty Hutton, Nelson Eddy and Jeannette MacDonald, Red Skelton and Betty Garrett, Leopold Stokowski, Xavier Cugat, Risë Stevens, Bing Crosby, Yehudi Menuhin, Harry James, Mario Lanza, Danny Kaye, and Judy Garland.

general 11 minutes $1.85

MONARCH BUTTERFLY (SM, Color)

Begins with the development of the caterpillar into the chrysalis and depicts each successive phase of development to the evolution of the adult butterfly.

i-j-h-c 11 minutes $3.00

MONARCH BUTTERFLY STORY (EB, Color)

Depicts the monarch laying its eggs, the caterpillar eating its way out of the egg, feeding, molting, forming it chrysalis, and emerging as a butterfly.

i 11 minutes $2.70

MONASTERY (NFBC)

Shows the life of prayer, service, and devotion of the monks at the Monastery of Saint-Benoit-du-Lac, Province of Quebec.

h-c-a 20 minutes $3.00

MONEY MUDDLERS (OF)

Caught between two rival gangs, only Lou Costello and Bud Abbott could get out alive.

general 10 minutes $1.85

MONKEY TALE, A (EB)

An unusual film from New Zealand contains amusing and effective illustrations of both safe and dangerous ways to ride bicycles. Demonstrations are performed by a family of monkeys.

i-j 9 minutes $1.85

MONKEYS MEET THE PEOPLE (COF)

Presents the story of how the monkeys agreed to be seen and fed by people who came to see them in the jungle, rather than be caught and later confined in a zoo.

p-i-j 10 minutes $1.85

MONONGAHELA (McGH)

Follows the course of the river through Pennsylvania and West Virginia and describes its complex system of locks and dams; pictures the coal mines along its shores, life on the barges which carry the coal, and the social life of the boatmen, miners, mill workers, and farmers living in the Monongahela Valley.

h-c-a 29 minutes $3.70

MONROE DOCTRINE
(TFC, Color, Restricted to Classroom Use)

Against a background which shows the struggle of the United States to become free from European domination, this subject dramatizes the development of the Monroe Doctrine and the Congressional fight made by Clay and Webster for its establishment and declaration by President Monroe in 1823. Instances of its application are shown in California (1845), Cuba (1852), Mexico (1868), Venezuela (1895) and Santo Domingo (1905). Especially appropriate and timely are the references to the South American republics by Clay and Webster.

j-h-c 20 minutes $4.25

MONTANA (IFI, Color)

Covers the mountains, grasslands, and farm lands of Montana, showing copper mining, sheep raising, and cattle raising.

i-j-h-c-a 10 minutes $2.70

MOON, THE (EB)

By means of animation and other cinematic devices this film presents dynamically the story of the moon. The difficult concept of tides is clearly explained, as are the phases of the moon. Other lunar phenomena explained by special cinematography and animation are: the moon's orbit; the lunar month; sunrise and sunset on the moon; occultation of stars; the moon's path in space; lunar eclipses; and solar eclipses with special reference to the eclipse of 1932.

j-h-c 11 minutes $1.50

MOON, THE (ISO)

Shows the moon by means of great telescopes, using the largest lens-type telescope.

j-h-c-a 10 minutes $1.85

MOOSE HUNTERS (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

MORE DANGEROUS THAN DYNAMITE (BFS)

Fires can start from electric irons, poorly placed light cords, cigars, cigarettes, rubbish and using gasoline for cleaning. An object lesson in safety.

general 10 minutes $1.50

MORE DATES FOR KAY (C)

Intended to help a girl overcome periods of "dating slumps" gracefully and with the proper viewpoint. Designed to rid the girl of a feeling of social failure by making the best of a temporary situation and concentrating on self-improvement for future date possibilities.

h-c-a 10 minutes $1.50

MORE FOR PEACE (BFC)

Depicts one man's search for Christian ideals in a troubled world. Through a series of experiences in his own local church, a Korean War veteran finds an answer to the questions that have been vexing him.

j-h-c-a 44 minutes $10.00

MORE MILK (USDA)

The need for increased milk production is presented. For this increase the country looks, not to the large commercial dairy herds which are already producing to capacity, but to small farm herds of a dozen cows, or less. If these cows are given the same feed and scientific care the high producing cows get, their production will go up as high as ten, fifteen, twenty per cent or more. The film suggests some of the ways in which this increase can be brought about.

j-h-c 10 minutes $1.50

MORE PROFIT PER ACRE (AJC, Color)

Demonstrates how one family turned a low productive farm into a thriving dairy farm by learning to make the best use of grass and grain for their newly acquired Jerseys.

h-c-a 20 minutes $1.00

MORNING STAR (EB, Color)

Shows the hazards and hardships encountered in a sheep drive from the Salt River Valley in Arizona to the home ranch in the White Mountains. The "hero" is sheep herder Rosalio Lucero. Closes with the 23rd psalm as scenes of the trip illustrate each phrase.

i-j-h-c-a 36 minutes $10.00

MOROCCAN OUTPOST (McGH)

Surveys conditions in the country today and introduces key figures in the present struggle.

h-c-a 17 minutes $2.65

MOSQUITO (EB)

Life cycle of mosquito, traits and habits, disease-carrying characteristics, and steps for control are shown.

j-h 11 minutes $1.50

MOSQUITO — THE PUBLIC ENEMY (USDA)

This film discusses the mosquito as a pest affecting man and beast; varieties and life history; safeguards and methods of control.

general 20 minutes $2.65

MOSQUITOES AND MALARIA (EP)

Traces discoveries which revealed that mosquitoes are carriers of the malaria microbe, and that the microbe emanates from the Anopheles mosquito. Presents the life of the mosquito—its breeding, breeding places, and the effect of its poison upon human blood.

j-h-c-a 9 minutes $1.85

MOTHER DUCK'S SURPRISE (YA)

Tells of Mother Duck's disappearance from the back yard; of Father Duck's search for her, inquiring of all the other animals in the back yard; and of how Mother Duck finally is found. Shows Mother Duck sitting on her nest hatching a brand new family of ducklings.

p-i 11 minutes $1.85

MOTHER GOOSE STORIES (BFS, B&W or Color)

Mother Goose steps out of the nursery rhyme book and brings some of her favorite characters to life, including Little Miss Muffit and Humpty Dumpty, portrayed by animated figurines.

general 11 minutes B&W $1.85, Color $2.70

MOTHER HEN'S FAMILY (C, Color)

Shows the development of the chick embryo and the hatching of the egg; presents elementary concepts of reproduction and growth.

p-i 10 minutes $2.70

MOTHER MACK TRAINS HER SEVEN PUPPIES (F, Color)

At the beginning the seven baby puppies cannot even see and are wholly dependent on the mother Scottie dog. We see them growing older, playing and fighting, learning to take care of themselves. A trip to the beach provides excellent opportunities for training. How to raise a dog and the importance of proper food, care, training, and exercise are brought out.

p-i 11 minutes $3.00

MOTHER MACK'S PUPPIES FIND HAPPY HOMES (F)

A family of puppies, too many for their owners to keep, is divided up, and individual puppies are given away to people in the neighborhood. Lessons on good care of pets are well taught.

p-i 11 minutes $3.00

MOTHS (EB)

A large silk moth and the white-masked tussock moth are followed in detail through their life histories. The silk moth caterpillar is shown at work in the construction of its unusual cocoon. The secluded life of the female tussock moth is revealed. All the steps in their life cycles are portrayed.

i-j-h 11 minutes $1.85

MOTION STUDY APPLICATIONS (UIO)

Technical film on common hand motions and illustrates how knowledge of motion economy leads to better and easier ways of working. Applications illustrated are: pin board assembly, folding cartons, assembling ice cube grids and inserting papers in mailing envelopes.

c 20 minutes $3.00

MOTION STUDY IN ACTION (UIO)

Illustrates that principles of motion economy can be applied to almost any kind of manual work.

c 20 minutes $3.00

MOTIONS OF A PLANE (CAA)

What the pilot sees from the cockpit as he performs the three fundamental motions of a plane — yawning, pitching, and rolling.

h-c 8 minutes Handling charge, $1.00

MOTIVATING THE CLASS (McGH)

Bill, the young student teacher of this film, is enthusiastic about his first class in geometry. He can see the wider implications of mathematics for the youngsters, but because he is unable to translate these values in terms they can understand, the class becomes bored and restive, and Bill's first day as a teacher is not a success. The ensuing conference with his sympathetic supervising teacher guides Bill to plan for learning situations that will be of immediate concern to his young people. The child's desire for individual and group distinction is met and satisfied. The film ends by stating that this factor of adequate motivation is basic to all good teaching.

c-a 19 minutes $2.65

MOTIVATION AND REWARD IN LEARNING (PSC)

Pictures experimental demonstrations with white rats to illustrate the importance of motivation and reward in the learning process. Shows the trial and error learning behavior.

c-a 20 minutes $3.00

MOTOR MANIA (WPD, Color)

A real cartoon "special" — starring Goofy in the dual role of pedestrian and driver. This film has been awarded numerous honors by national safety council as an outstanding film achievement in the field of traffic and driver education. Reveals the marked and appaling change that takes place in the average man when he finds himself behind the wheel of an automobile.

Available to Illinois users only.

i-j-h 7 minutes $3.00

MOUNT RANIER NATIONAL PARK (AB, Color)

Shows scenes of Mount Ranier National Park and of Mount Ranier itself, and describes its origin in volcanic action. Also shows Yakima Park with glimpses of its wildlife. Pictures Emmons Glacier and Nisgually Glacier, and explains how glaciers affect the terrain they cover.

general 11 minutes $3.00

MOUNT VERNON IN VIRGINIA (McGH)

The home of George Washington just as it was in 1783 when he returned for his supposed retirement to private life. We see the well-appointed house with the memorabilia of his long and varied career. Everyday life of the plantation with its many phases of agriculture is also shown.

h-c-a 22 minutes $3.00

MOUNTAIN BUILDING (EB)

By employing animated drawings and models "Mountain Building" re-enacts significant events in geological history. The subsidence of the land about the mouth of the Hudson River, the story of the Appalachian Mountains, and the spectacular Lewis Overthrust in the Rocky Mountains are vividly portrayed. The film opens with a photographic survey of evidence which constitutes the basis of these interpretations, and closes with a consideration of the significance of these phenomena to mining and structural engineering.

h-c 11 minutes $1.50

MOUNTAIN CLIMBING: COLLEGE CLIMBERS (RKO)

A group from Western State College climbs the Colorado Rockies as part of the physical education course.

j-h-c-a 15 minutes $2.65

MOUNTAIN FARMERS — SWITZERLAND (UW)

In a land that is very mountainous, where living presents many difficulties, we learn that by turning some of the apparent disadvantages into advantages and by using natural resources to their fullest extent, it is possible for people to live happy, prosperous lives. By living in the film with a family of the Emmenthal Valley of Switzerland, we see how this resourceful nation has developed a flourishing economy from high-quality dairy products, abundant hydroelectric power, and the exploitation, for their tourist industry, of the very mountains themselves.

i-j-h 22 minutes $2.65

MOUSIE COME HOME (UW, B&W or Color)

The little mouse's antics drive Andy Panda, and Milo away from home, and the mouse discovers he can't live without them after all.

general 8 minutes B&W $1.50,
Color $2.70

MOVEMENTS OF THE TONGUE IN SPEECH (IFB, Color)

Shows the movements of the human tongue and lips during the speech of a male patient, part of whose right cheek was removed by a surgical operation.

c-a 15 minutes $4.25

MOVIE STAR MICKEY (BRF)

There is a Hollywood premiere for Mickey's huge success. The setting is Grauman's Chinese Theater. Stars attended who are caricatured in the film. But Mickey soon finds it's all a dream.

general 5 minutes $1.50

MOVIES ARE ADVENTURE (TFC)

Illustrates the range of musical talent which performs in feature motion pictures.

h-c-a 10 minutes $1.50

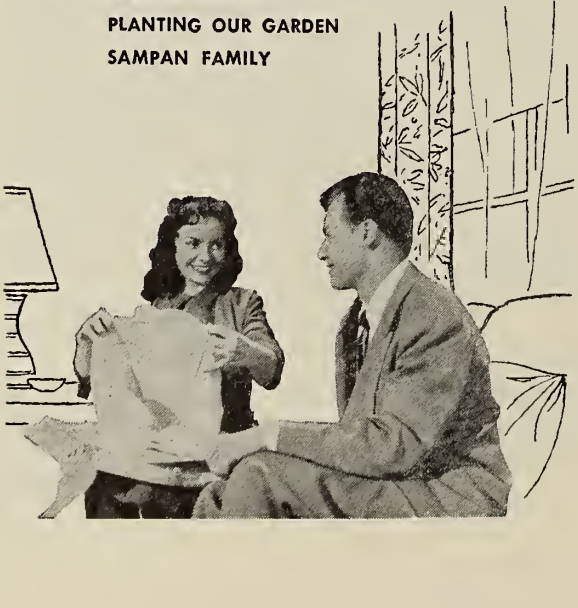
MOVING X-RAYS (NA)

Demonstrates uniquely the application of X-rays on motion picture film. Via motion picture X-rays, we are privileged to watch all the action inside a human anatomy. One of the great contributions of modern science put to practical use.

j-h-c-a 11 minutes $1.85

Family Relations

- CHOOSING YOUR MARRIAGE PARTNER
- FAMILY: AN APPROACH TO PEACE
- FAMILY LIFE: SERIES
- LIFE WITH JUNIOR
- MEANING OF ENGAGEMENT
- PEIPING FAMILY
- PLANTING OUR GARDEN
- SAMPAN FAMILY



MOZART AND HIS MUSIC (C)

Presents selections from Mozart's music with backgrounds of such cities as Salzburg, where Mozart was born and acclaimed a child genius, and Vienna, where he later lived and composed some of his mature works.

j-h-c 15 minutes $2.65

MUDDY WATERS (USDA)

A story of land use and abuse in the Southwest. Shows conditions when the white man came and how his two great industries, grazing and farming, depleted soil-binding vegetation, resulting in destruction of the soil by floods and erosion. The film points the way to necessary remedial measures.

j-h-c 11 minutes $1.00

MULTIPLICATION IS EASY (C)

The teaching and learning of multiplication is made easier through this film, another in the arithmetical series. Others are LET'S COUNT, ADDITION IS EASY, AND SUBTRACTION IS EASY. This reel demonstrates the procedure of multiplication, shows why this process is important to know, and shows the main steps in learning how to multiply.

i-j 11 minutes $1.50

MUSCULAR SYSTEM (UW)

A human model demonstrates the action of muscles in maintaining body posture in standing and moving positions.

j-h-c 11 minutes $1.85

MUSEUM OF SCIENCE AND INDUSTRY (UW)

A field trip to the famed Museum of Science and Industry in Chicago — a chance to see, no matter where you are, the exhibits of a coal mine, a steel rolling mill, and a model farm. An aid in understanding the relationship between scientific principles and industrial achievements.

general 14 minutes $3.00

MUSEUMS FOR SCHOOL CHILDREN (UW)

Shows how children's museums provide a stimulating and interesting opportunity for youngsters to broaden their knowledge and understanding of the world.

i-j-h-c-a 21 minutes $3.35

MUSIC AND ARCHITECTURE THROUGH THE AGES (UW)

How the development of musical instruments and instrumentation parallels the evolution of art and architectural forms.

Constant use of montages and dissolves create visual variety. Latter portions of the film are concerned with the splendors of gardens, fountains, and buildings at Versailles.

h-c-a 19 minutes $3.00

MUSIC: CAREER OR HOBBY? (C)

A music teacher, a guidance counselor, professional musicians, and an arranger assist one boy as he investigates the possibilities of music as a career.

h 11 minutes $1.50

MUSIC IN AMERICA (MOT)

How jazz was derived from Negro folk music, how great composers like George Gershwin got their inspirations from the popular idiom of their time is shown.

j-h-c 17 minutes $2.65

MUSIC IN THE WIND (SP)

Shows the building of organs in the workshops of Casavent Ferers, St. Hyauthe, Quebec. Traces the development of the organ from the foot pump and hand-bellows models to present electrically-operated giant pipe organ. Concludes with the playing of Bach's "Toccata and Fugue in D Minor."

j-h-c-a 10 minutes $1.85

MUSIC OF INDIA (IIS)

Shows how most of India's musical instruments are classified into four groups: tat-stringed instruments; Sushir-wind instruments; Avanah — the drums; Ghan — the percussion instruments. We see and hear the Been Veena, Sarangi, Sarodd, Sitar and the Tabia being played by masters.

j-h-c-a 10 minutes $1.85

MUSIC OF THE MASTERS — WILLIAM PRIMROSE (RF)

William Primrose uses the viola to play Beethoven's "Polonaise," Schubert's "Ave Maria," and Paganini's "Caprice."

j-h-a 10 minutes $1.85

MUSIC READING (JHP)

Demonstrates the step-by-step development of music reading from the kindergarten class to the class that actually reads notes. Shows a fifth grade classroom situation, with the children learning a new song by reading the notes. Also shows a kindergarten and a third grade music learning situation.

p-i 20 minutes $3.00

MUSICAL INSTRUMENTS OF INDIA (IIS)

Identifies a number of musical instruments of India and gives brief examples of their melody.

h-c-a 10 minutes $1.85

MUSICAL INSTRUMENTS: THE STRINGS (M)

With knowledge and understanding of the stringed instruments will come a greater appreciation of their musical contributions. The film shows the construction of the violin, viola, cello, and double bass, and presents solo and ensemble performances showing the tonal contributions of each instrument.

i-j 10 minutes $1.85

MUSICAL NOTES (UW)

Principles of vibrations — frequency, amplitude, pitch, and quality are demonstrated with notes from string, wind, and percussion instruments. Uses a sonometer and special photography to explain the laws of strings — length, tension and diameter. Quality of notes as related to profile of sound waves is shown with the microphone and oscillograph. Principles governing overtones are explained.

i-j-h 12 minutes $1.85

MUTINY ON THE BOUNTY (TFC, Restricted to Classroom Use)

This is the story of the struggle between Captain Bligh and his men during the days in British maritime life when the members of the crew were harshly treated by their officers in command. The struggle in this well-known story finally results in the establishment of wholesome relationships aboard ship which have become a tradition of the British Government and British maritime shipping and have become common practice in all the navies of the world. The material for this subject has been taken from the Metro-Goldwyn-Mayer feature picture.

h 40 minutes $4.45

MY CHILD IS BLIND (UW)

Shows how a blind child, given patient treatment and proper training at a special nursery school for blind children, can be taught to do many things normal children do.

h-c-a 21 minutes $3.00

MY NAME IS HAN (BFC)

Han and his little family come home after the war in China to till again the ancestral soil, but they arrive to find their home a shambles and their land devastated. Han's wife is a Christian but he is "practical." He cannot understand the "foolishness" that prompts his Christian friends to leave their own fields to toil in his. As understanding came to Han, so has it come to many.

j-h-a 25 minutes $6.00

MY TRIP ABROAD (ECA)

When Mrs. Roosevelt travelled to Oslo to unveil a statue of her late husband, she made her trip the occasion to inspect post-war reconstruction throughout Europe. Visiting E. C. A. countries, she noted ways in which the Marshall Plan has been used in each to aid recovery. Mrs. Roosevelt, who narrates the film, stresses the interdependence of the nations of Europe.

"The byword," she says, "is integration, and the goal is peace."

j-h-c-a 10 minutes Handling charge, $1.00

MYRA HESS (BIS)

Myra Hess plays the first movement of Beethoven's Sonata in F Minor — the Appassionata Sonata (piano).

general 10 minutes $1.85

MYSTERY OF EDWIN DROOD (TFC, Restricted to Classroom Use)

School edition of Dickens' last novel.

j-h-a 40 minutes $4.85

MYSTERIES OF WATER (KB)

Water is considered, in this film, as a chemical, and as a food. The action shows water behaving as man's friend, a worker, a builder, and in turn as his enemy and a destroyer. Both natural and animated photography are employed to make clear the generalized ideas considered.

This film is intended to give the pupil a survey of the various ways in which water affects our earth.

i-j-h 11 minutes $1.85

MYSTIC CASTLE, THE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

MYSTIC SIAM (TFC, Restricted to Classroom Use)

Scenes include training of dancing girls, elephants at work, tropic waterways, market places during holidays and glimpses of native people at work and play. About half the subject is devoted to Buddhist and other temples of Oriental religions. Commentary by Lowell Thomas points out Japan's effort to dominate the Orient and the importance of Siam in current world struggle.

i-j-h-a 10 minutes $1.85

NAAMAN THE LEPER (UW)

A sermon film by the Rev. Alan Redpath, based on the story of the cleansing of Naaman the leper and his conversion, by the prophet Elisha.

a 16 minutes $3.00

NACA RESEARCH (CAA, Color)

Offers a general overview of research work carried on by personnel of the National Advisory Committee for Aeronautics and shows some of the NACA facilities which are utilized in its research programs.

h-c-a 20 minutes Handling charge, $1.00

NYU TELEVISION WORKSHOP (UW)

Depicts the work of a television workshop at New York University. Describes the various crafts required in the production of a dramatic television program. Shows students at work in one of New York's commercial television studios.

c-a 10 minutes $1.85

NAME UNKNOWN (SD)

Intended to warn boys and girls against becoming victims of sexual criminals. Through several episodes — a lovers' lane, baby sittings, and a pickup — the teen-age boys and girls come to understand why it is much better to be aware of possible perils and avoid them, than to seek a momentary "thrill" or "kick" by taking dangerous chances.

j-h-c 11 minutes $2.00

NANOOK OF THE NORTH (ATH)

A study of Eskimo communal life and their struggle for existence, photographed in the Hudson Bay territory.

i-j-h-c-a 55 minutes $10.00

NATION IS BORN, A (RKO)

Is the first comprehensive motion picture report on the fledgling Philippine Republic, born July 4th. Traces of the thrilling story of Filipino resistance throughout World War II, and the problems facing the government of President Roxas.

general 20 minutes $2.65

NATION IS FIFTY, A (McGH)

Shows events in recent politics including the overthrow of the Socarras government of Fulgencio Batista, recalls events from Cuban and principle cities of the 50-year old Republic of Cuba.

j-h-c-a 18 minutes $2.65

NATIONAL FOLK FESTIVAL (3 parts) (UW)

PART 1 Includes Western German, and Philippine dances, a New England barn dance, and the Scottish highland fling.

PART 2 Includes Polish, English, Croatian, American Indian, Lithuanian, Ukrainian, Texas, and Tennessee dances, and Negro and Yugoslav songs.

PART 3 Includes Israelian, Russian, Czechoslovakian, and American square dances, and Ozark ballads, songs of Pennsylvania coal miners. Spanish-American songs, and "Casey Jones."

h-c-a 30 minutes (each) $2.00

NATIONALISM (EB)

Defines nationalism and traces its development in modern times. Explains its changing aspects as revealed in three important phases; democratic, independent, and imperialistic nationalism. Points up nationalism as a force both for progress and regress in the modern world; emphasizes today's need for directing its constructive aspects toward world peace.

h-c-a 20 minutes $2.65

NATIONALS, THE (CAA)

Depicts the activities of the Nationals of Model Airplane Flying held at Olathe, Kansas, and featuring the PAA-Load Event. Through close-ups of the various planes entered in the meet, one gains a real appreciation of the craftsmanship and ingenuity that went into their construction. Scenes include take-offs and landings of model land planes, seaplanes, jets, and those which are radio-controlled.

i-j-h-c-a 17 minutes Handling charge, $1.00

NATION'S BUILDING STONE, A (ILU)

In the Bloomington-Bedford limestone area of Indiana are the great beds of building stone used all over America. The film shows how the stone is quarried and shipped to the fabricating mills. In the mills, the stone is split into slabs and shaped to meet desired patterns. The whole process is shown clearly and in a most interesting manner.

general 18 minutes Handling charge, $1.00

NATION'S CAPITAL, THE (FF)

Presented is a workday in the life of a Congressman — occupied from morning until late at night with the complexities of the nation's affairs.

j-h-c-a 15 minutes $2.25

NATION'S MENTAL HEALTH (McGH)

Shows the facilities for training doctors and psychiatric personnel in three hospitals in Topeka, Kansas, the various methods of therapy for psychiatric patients, and the work of the National Association of Mental Health in helping communities to set up mental health clinics.

c-a 18 minutes $2.65

NATION'S SEARCH FOR GRASS, A (KB)

The story of the herds people of Iran, their homes and their flocks, how each year thousands of them drive their flocks over snow covered mountains to summer grasslands is depicted. This film is taken from the epic "Grass."

j-h 11 minutes $1.85

NATIVITY, THE (ABS)

Reconstruction of the events surrounding the birth of Christ, from the Annunciation to the coming of the three Kings to Bethlehem.

j-h-a 18 minutes $3.00

NATURAL HISTORY MUSEUM (AFR)

Pictures an excursion through the (Field) Museum of Natural History in Chicago.

j-h-c-a 20 minutes $3.00

NATURAL RESOURCES OF THE PACIFIC COAST (C, B&W or Color)

The Pacific Coast overflows with a richness of natural resources seldom found in other areas of the world. The giant magnitude of its lumbering, fishing, farming and mineral industries can be seen in all its true-to-life vividness as the creation and servant of man.

i-j-h-c 11 minutes B&W $1.50, Color $2.70

NATURE OF A JOB (BEF)

Describes finding and holding a job; working with others.

j-h 10 minutes $1.85

NATURE OF COLOR (C, Color)

Beginning with a view of a rainbow, the film presents in logical sequence an explanation of the nature of color in physical terms. Closing scenes apply color principles in the arts, color printing and photography.

j-h-c 10 minutes $2.70

NATURE OF ENERGY (C)

Clarifies the scientific concept of energy simply and interestingly. Shows the relationships of atomic energy to the other forms of energy. Attempts to give a basic understanding to general scientific advancements in the areas of electricity, sound, light and heat.

i-j-h-c 11 minutes $1.50

NATURE OF HEAT (C)

Shows how heat is transferred; using demonstrations combined with animation, and offers questions designed to promote discussion and experimentation.

j-h 10 minutes $1.50

NATURE OF LIGHT (C)

As two boys on a fishing trip make practical use of what they learn about light, students learn the characteristics of light. From their study of a near-by lake, they learn that light is a form of radiant energy producing the sensation of sight, and they also discover the principles of reflection and refraction.

j-h 11 minutes $1.50

NATURE OF SOUND (C)

Teaches sound with sound, illustrated, animated, and in motion.

j-h 11 minutes $1.50

NATURE SPEAKS (TFC, Restricted to Classroom Use)

Photographic study of natural mountain, lake and seashore scenery accompanied by readings of poetry by David Ross with a musical background.

j-h-a 10 minutes $1.85

NATURE'S ENGINEERS (WLF, Color)

An object lesson in industry, conservation, and thrift. Shows how beavers build their dams and lodges, raise their young, and train them to move on and build their own communities. Shows how this wild life engineer closes his lips behind his teeth for gnawing, how he uses the strange split third toe on his hind foot. Brief sequences of the beaver's friends and enemies — moose, deer, geese, the rare sand tall crane, the coyote, black bear, and grizzly bear.

general 10 minutes $3.00

NATURE'S HALF ACRE (WPD, Color)

That strange and wonderful world in tabloid that lies beneath our feet, under leaf and log and rock . . . peopled by millions of weird and fascinating creatures . . . where dragons the size of ants wage war in a tea-cup size arena . . . and the blooming of a single flower comes with the glory of a sunrise.

Where life, love and destiny dwell for but a moment.

Available to Illinois users only.

i-j-h 32 minutes $10.00

NATURE'S SONGSTERS (SPI)

The songs and habits of a number of American birds were recorded and photographed in their natural surroundings, under the supervision of Arthur Allen of Cornell University.

Includes the white heron, wood thrush, snowy plover, humming bird, eagle, burrowing owl, marsh hawk and mocking bird.

j-h-c-a 10 minutes $1.85

NAUGHTY MARIETTA
(TFC, Restricted to Classroom Use)

A classroom version of MGM's feature film. The story of a princess who flees to Louisiana to escape a distasteful marriage at the court of Louis XV and in New Orleans, falls in love with a dashing soldier of fortune. Of chief importance is the playing and singing of the two leading roles by Jeanette MacDonald and Nelson Eddy.

general 44 minutes $4.45

NAVAJO CHILDREN (EB)

Here are revealed the experiences of a Navajo boy and girl in moving with their family, household effects, pets, horses, sheep, and goats from their winter quarters to their summer home. Following a day's journey by wagon, they camp for the night with other Navajos and after the evening meal sing native songs. In the morning, the Navajo boys hold a marksmanship contest with bows and arrows. Another day's travel brings the family to their destination. Repairing their home, planting crops, caring for their sheep and goats, and rug weaving are among the activities shown. Navajo conversation and songs vitalize this stimulating learning experience for primary grade boys and girls.

p-i-j 11 minutes $1.50

NAVAJO COUNTRY (UM, Color)

A beautiful story of Navajo life as it is related to their pastoral existence. Film begins with general scenes of the people, their homes and their environment. It then shifts to sequences on the technique of Navajo rug and blanket weaving and ends with a series of scenes depicting Navajo silver jewelry.

i-j 10 minutes $3.00

NAVAJO INDIANS (C, Color)

Geographic environment, activities and customs of the Navajo Indians are shown. Cooking, weaving, gardening, silversmithing, bartering, home building, and a native dance are depicted, along with reproductions of conversations and music.

i-j-h 10 minutes $2.70

NAVAJO INDIANS (EB)

Reveals the geographic environment, activities, and customs of the Navajo Indians. It shows their tasks and leisure pursuits; their homework of cooking, weaving, and gardening; and the experiences of a Navajo mother at a trading post. Silversmithing, bartering, home building, and a native dance are depicted, along with reproductions of conversation and music. Scenes of a Navajo wedding ceremony and feast are provided.

p-i-j 11 minutes $1.50

NAVAJO INDIANS OF THE PAINTED DESERT (BFS)

Shows present living conditions of the Navajo Indian and shows responsibility of citizens of a democracy to insure the human rights of worthy and loyal minority groups.

i-j-h-c-a 10 minutes $1.85

NAVIGATION: AERIAL MAP READING (CAA)

How to read aerial maps and the use of landmarks and features in finding position are studied. Briefly touches on changing seasons, features to look for at sea, night flying, and flying when lost. Plots a course from Corpus Christi to Sabine Pass, determines ETA using landmarks in the demonstration.

h-c-a 22 minutes Handling charge, $1.00

NAVIGATION: CHARTS (CAA)

Employs animated diagrams and some straight photography to explain the meaning, advantages, and limitations of Mercator, gnomonic, and Lambert Conformal projections.

h-c 19 minutes Handling charge, $1.00

NAVIGATION: DEAD RECKONING (AIR) (CAA)

Shows ground track, air track, wind effect, correction angle, drift angle, establishment of wind direction and velocity by both gird method and drift method and principles underlying each.

h-c- 17 minutes Handling charge, $1.00

NAVIGATION: NAUTICAL ASTRONOMY (CAA)

Animation is used to show how the celestial coordinates are placed in relation to the earth. Describes how declination, zenith point, nadir line, and June and December solstics are used in celestial navigation.

h-c-a 24 minutes Handling charge, $1.00

NAVIGATION: STAR IDENTIFICATION (CAA)

The apparent movement of the stars across the sky is discussed briefly. Twenty-three basic navigation stars, including Duthe, Polaris, Arcturus, Spica, Regulus, Vega, Betelguese, Sirius and several important constellations are located.

j-h-c-a 17 minutes Handling charge, $1.00

NAVIGATION: THE EARTH (CAA)

Explains the arrangement and meaning of the poles, great circles, parallels, meridians, longitude, latitude, nautical mile and departure.

j-h-c 16 minutes Handling charge, $1.00

NAVIGATION: TIME (UW)

A careful study of time relationships over the world. Shows, by animated diagrams, how Civil Time, Apparent Time, and Siderial Time are determined, and shows the relationship of time and date between various points on the earth's surface. Relation of time to discovering position not treated.

h-c-a 40 minutes $4.45

NAVIGATION: TIME IN THE AIR (CAA)

Illustrates how to determine the error of the aircraft navigational watch and demonstrates its use in celestial navigation. The procedure for making observations of the sun preparatory to solving the astronomical triangle is also described.

c-a 12 minutes Handling charge, $1.00

NAZIS STRIKE (OWI)

Compiled from American, United Nations, and enemy-captured movies and further clarified by means of animated charts and maps, this film traces the history of Nazi aggression up to and including the Polish conquest. Germany's urge to impose its rule on the world has been a recognized fact. The symbols and the leaders change but the desire for world domination continues. A study of Geopolitics clarifies the German plan — the attainment of military control of states with their value to Germany boiling down to two factors — labor and raw materials. The film ends with shots of Churchill eloquently refuting the Nazi claim that the democracies would never fight for their convictions, and with words of hope, he promises the eventual utter defeat of the Axis aggressors.

h-c-a 43 minutes Handling charge, $3.50

NEAR HOME (BIS)

To illustrate several principles that are basic to good teaching, a class and teacher study the community in which they live. In the study of the community, the pupils and the teacher can be observed in a learning process that takes advantage of an inherent interest in things nearby.

general 25 minutes $3.70

NEGRO SOLDIER, THE (OWI)

A documentary film depicting the role of the Negro soldier in World War II and in the development of the United States. Professional cameramen toured the country for shots of camp life, basic training and simulated warfare for this film. These sequences, together with recreations of historical events and footage from newsreels, are given continuity as illustrations of a Negro minister's sermon to his congregation.

j-h-c 40 minutes $4.45

NEIGHBORHOOD STORY (SU)

Tells the story of a social worker, and his efforts to help a family in the neighborhood where he works. Shows how he discovers the tensions in the family, how he works to relax them, and how he is able to start them on the road to a more pleasant life.

c-a 20 minutes $3.85

NEIGHBORS (IFB, Color)

A parable about two people who, after living side by side with mutual friendliness and respect, come to blows over the possession of a flower that one day grows on the line where their properties meet.

j-h-c-a 9 minutes $3.00

NERVOUS SYSTEM, THE (EB)

Animated drawings describe the structure and function of the central nervous system, including the anatomy of the spinal cord, axones, dendrites, nerve bundles, receptor and effector organs. The nature of the nerve impulse and reflex arc also are presented. Microphotography reveals the intricate nature of nerve cells. Close-ups compare the differentiated reactions of an amoeba, a plant, a frog, and a cat. Amplified sounds of actual nerve impulses in man and a cat are reproduced.

j-h-c 11 minutes $1.50

NEVADA AND ITS NATURAL RESOURCES (USBM)

The state of Nevada is described with emphasis upon its mineral resources and mining operations.

h-c-a 31 minutes $3.70

NEW AMERICANS (McGH)

Depicts the adjustment of a typical refugee with the aid of the National Refugee Service and shows how Professor Albert Einstein, author Thomas Mann, scientists Victor Hess and James Franck and many other refugees are making important contributions to America.

j-h-c-a 18 minutes $3.00

NEW BEGINNING, A (UW)

Story of the rehabilitation of an injured miner by specialists of the New York University Medical Center with the assistance of the UMW Welfare Board.

h-c-a 40 minutes $4.45

DRAMA

ALICE ADAMS
ANTONY AND CLEOPATRA
THE GOOD JOB
JANE EYRE
JULIUS CAESAR
THE LOWER DEPTHS
OTHELLO
RISE OF A DICTATOR
THE SEARCH
STORY OF AN IMMIGRANT

NEW BIRTH (COB)

A cartoon teaches two gospel truths — new birth and resurrection — as illustrated in the life story of a moth.

i-j 13 minutes $2.65

NEW BIRTH, THE (GFL)

Dramatizes the Biblical story of Jesus' words to Nicodemus: "Except a man be born again, he cannot see the Kingdom of God."

j-h-c-a 10 minutes $1.50

NEW CHAPTERS (NFBC, Color)

Shows the part the public library can play as a workshop, lecture hall and resource center for a planned cultural activity of the community. Particular emphasis is placed on the provision of facilities for children's activities in the fields of art, music, story telling and play reading.

j-h-a 14 minutes $4.25

NEW CONGRESS (McGH)

House and Senate leaders in the Republican 83d Congress, give their views on such issues as Federal spending, taxes, foreign policy, and loyalty. Speaker of the House outlines the Republican legislative program, and Senator Wayne Morse, independent, explains his position.

h-c-a 26 minutes $3.70

NEW DOORWAYS TO LEARNING (CAR)

Describes the value of using audio-visual materials in conjunction with programs of religious education, Bible study, evangelism, stewardship, and missionary instruction.

c-a 19 minutes $2.65

NEW EARTH (EFLA)

The authentic record of a vast land-reclamation project in the Zuyder Zee of Holland is contained in this film. It shows in detail the stages of this giant engineering project begun in 1920 and requiring ten years for completion. This film is a valuable document suitable for use in many types of study and for all age levels.

i-j-h-c-a 18 minutes $2.65

NEW ENGLAND (MOT)

Nowhere are the symbols and traditions of this nation's past more real and more alive than in New England. The film presents this New England background as well as the beauty of its mountain and coastal areas.

i-j-h-c 11 minutes $1.85

NEW ENGLAND: BACKGROUND FOR LITERATURE (C, B&W or Color)

Now your classes can explore Thoreau's pond, sit snugly at Whittier's hearth and thrill to see the ensign flying from Old Ironsides. Here is the New England as we know it through the works of Bryant, Emerson, Longfellow, Whittier, Thoreau, Holmes and Alcott. The works of these authors will take on new meaning as students see and experience the New England materials out of which they are built.

j-h-c-a 11 minutes B&W $1.50, Color $2.70

NEW ENGLAND FISHERMEN (EB)

In the opening sequence of this picture, the spirit of the Gloucester fisherman is captured from domestic life situations of a fisherman, concerning his precarious way of making a living. Following this, a schooner sets out for the Grand Banks. As the fishing grounds are approached, the crew make ready their lines and hooks with which they will fish in small boats. After the small boat is filled, it returns to the schooner to unload and start afresh. Work and living conditions aboard a steam trawler which drags a fishnet along the ocean floor, are also portrayed. With their holds full of fish, both schooner and trawler journey to the Boston fish piers.

i-j 11 minutes $1.50

NEW FRANCE, THE (FF)

This film will help you to understand the political problems of France, the necessity for a National Planning Council, and the indomitable spirit of the French people.

j-h-c 17 minutes $2.65

NEW FRONTIERS IN SPACE (McGH)

"Surveys today's research into astrophysical problems."

h-c-a 27 minutes $3.70

NEW FRONTIERS OF MEDICINE (MOT)

Here are the newest medical miracles — the discoveries of men who are working to make life longer and better. New drugs such as sulfa, penicillin, streptomycin; new fields of study such as the Rh blood factor, the artificial kidney, brain surgery, nutrition; progress in the old fields such as heart disease, cancer, rheumatic fever — all are covered in the film.

general 17 minutes $2.65

NEW HAMPSHIRE (IFI, Color)

Highlights the history of the state and the origin of its name. Gives an excellent coverage of her natural resources — water power, quarries of granite and vast forests — as well as winter and summer sports and the maple syrup industry.

i-j-h-c-a 10 minutes $2.70

NEW HEART, A (BMP, Color)

Presents the operation of the Goodwill Industries and similar organizations which offer jobs to handicapped persons through the collection, repair, and sales of discarded articles which are donated by more fortunate people.

h-c-a 20 minutes $4.25

NEW HORIZONS (PAA)

Made to commemorate Pan American Airways' 25th anniversary. Gives a brief history of Pan American, which parallels the general history of intercontinental, over-ocean flight. First China Clipper flight is shown, and the part the airlines played in World War II.

j-h-c-a 30 minutes $1.00

NEW HORIZONS — ALASKA (TFC, Restricted to Classroom Use)

Presents scenic views of Alaskan topography and shows significant industrial developments in this territory.

i-j-h-a 9 minutes $1.50

NEW INDIA'S PEOPLE (McGH)

Describes the important segments of the Indian population in determining India's future — the Maharajahs, the untouchables, the Brahmins, and the Parsees.

j-h-c-a 30 minutes $3.70

NEW MEXICO (IFI, Color)

The historical, industrial, geographical, and scenic highlights of the state.

i-j-h-c-a 10 minutes $2.70

NEW ORLEANS — GATEWAY TO THE WORLD (McGH)

Pictures the city and port of New Orleans, emphasizing the factors which make it the second port in the United States in dollar volume of cargo.

j-h-c-a 27 minutes $4.00

NEW PRISONS — NEW MEN (McGH)

Shows the treatment of convicts at Southern Michigan State Prison. Prisoner's preferences and capabilities are analyzed and their work and educational opportunities adjusted to individual needs.

h-c-a 20 minutes $3.00

NEW ROADWAYS (TFC, Restricted to Classroom Use)

"New Roadways" makes reference to types of news disasters which occupy the first pages of newspapers, and the constructive discoveries which are mainly relegated to back pages. The latter type of news is pictured.

In the laboratory, glass is rolled like a carpet and spun into cloth. Cotton, corn and wood are utilized to form new substances. Treasures of the sea are sought — the beach is plowed and seeded for clams; factories are constructed to draw up food from the sea. The sun is harnessed, a solar heat machine being used to produce steam which in turn operates a generator for an electric refrigerator. Next, experiments on white mice are shown.

The true value of plastic surgery is presented in its ability to restore broken men disfigured either from war or industrial accidents.

The commentator closes with the statement that it is this group of discoveries and workers which builds for the future.

j-h-c 11 minutes $1.85

NEW ROMANCE OF GLASS (BB)

An instructive film taken in one of the largest plants manufacturing glass jars. Many views depicting the processes in the manufacture of glass products are shown. The history of glass from its early discovery by the Phoenicians to the modern method of blowing glass jars by machinery. Demonstration of cold pack canning.

j-c 20 minutes Handling charge, $1.00

NEW SOLDIERS ARE TOUGH (OWI)

Made during the early part of World War II, shows many of the new war tactics developed at that time. Some scenes of commando training, of shock troop tactics in cities, ends with scenes of a commando raid on a Norwegian town.

h-c-a 22 minutes $2.65

NEW SOUTH, THE (FF)

The famous Berry School is shown typifying the new South's intelligent and effective efforts to solve the problem of educating all her people to a better balanced economy.

j-h-c 17 minutes $2.65

NEW SUPERVISOR TAKES A LOOK AT HIS JOB (USOE)

A young workman has just been made a line supervisor. In the interview with the superintendent, he is shown that in his new job, he must learn to get results by working with people instead of machines.

c-a 11 minutes $1.85

NEW TECHNIQUES FOR HOUSE CONSTRUCTION (HHF)

Shows the construction of a demonstration house. Emphasis is on methods which save time and materials.

h-c-a 34 minutes $10.00

NEW TOOLS FOR LEARNING (EB)

Presents a challenge to parents and educators to provide the schools with as modern tools as business and industry have. Illustrates a variety of uses of the motion pictures, along with other teaching aids, in the present day curriculum.

c-a 18 minutes $2.65

NEW WAY OF GRAVURE, A (AFF)

An artist's technique for engraving on copper is described from his first rough sketches on paper through to pulling the final print.

h-c-a 12 minutes $2.65

NEW WAYS FOR OLD MOROCCO (AFF)

The successful cooperation of two Berber tribes in improving farming methods and utilizing agricultural resources.

h-c-a 23 minutes $3.70

NEW WAYS IN FARMING (FF)

Three distinct tendencies today are shown. First of these is large-scale factory-style farming. Second is the cooperative technique. Third is the way of the traditional independent farmer.

j-h-c 15 minutes $2.65

NEW YORK CALLING (NYC, Color)

We are taken by train to the beautiful city of New York through picturesque mountains passing West Point and following the Hudson River so that we can enjoy the many scenic spots of its shores. Among the other scenes shown are: Park Avenue, Staten Island, the New York Aquarium, Statue of Liberty, Brooklyn Bridge, the New York Hospital, the Zoo, Wall Street, George Washington Bridge, Columbia University Library, and the Empire State Building.

i-j-h 22 minutes Handling charge, $1.00

NEW YORK CITY (IFI, Color)

The historical, industrial, geographical, and scenic highlights of the city.

i-j-h-c-a 10 minutes $2.70

NEW YORK PHILHARMONIC ORCHESTRA CONDUCTED BY DIMITRI MITROPOLOUS (WAR)

Shows Mitropolous and the orchestra in a rehearsal of the last movement of Liszt's "Faust Symphony." After a complete rehearsal of the number, we see and hear a concert performance of the finale of this movement.

j-h-c-a 10 minutes $1.50

NEW YORK: STORY OF A CITY (SM)

A comprehensive educational study of our largest city. Here are presented the behind-the-scene workings of its great markets, its harbors, public utilities, and its transportation system. The city is pictured as the economic hub of America. Presented factually rather than in travelog form, the film is designed to integrate with courses in history, geography, economics, civics, and sociology at all educational levels.

general 22 minutes $2.65

NEW YORK — THE WONDER CITY (ICS)

Shows New York's famed harbor, lower Broadway and massive canyons of steel and stone, the historic Sub-Treasury where George Washington took his oath of office as first President, Wall Street, inside and outside the Stock Exchange, the Bowery, St. Patrick's Cathedral, Empire State Building, Chrysler Building, and numerous other interesting spots.

i-j-h-c 11 minutes $1.85

NEWFOUNDLAND: SENTINEL OF THE ATLANTIC (NFBC, Color)

Presents history, people, and resources of the island stressing fishing industry and the island's position as an "outpost" on the trans-Atlantic lane.

j-h-c-a 19 minutes $3.85

NEWS MAGAZINE OF THE SCREEN (CT)

Produced monthly by Warner-Pathe News and deposited through the courtesy of the Standard Oil Company, the NEWS MAGAZINE OF THE SCREEN is available for distribution by the Visual Aids Service. Circuits have been set up for prints of each new reel, and all patrons wishing a print for showing will be served within approximately 60 days after the release date of each print. Films previous to the one currently on a circuit may also be rented from the Visual Aids Service. Apply for further information.

general 22 minutes Handling charge, $1.00

NEWS MAGAZINE REPORT ON ATOMIC ENERGY IN AVIATION (WB)

Excerpted from the monthly "News Magazine of the Screen," shows both war and peacetime developments in atomic energy.

j-h-c-a 15 minutes $1.00

NEWS PARADE — 1938 (UW)

Shows the outstanding events of 1938 — the spring floods, the West Indian hurricane, scenes from the second year of Spain's civil war, the fighting between China and Japan, the surrender of Sudetanland, the rededication of Rheims Cathedral, Corrigan's reception in New York.

j-h-a 10 minutes $1.85

NEWS PARADE — 1939 (UW)

Shows the outstanding events of 1939 — Franco's victory, floods in China, Germany's invasion of Poland, Great Britain and France's declaration of war on Germany, the return of the King and Queen from their good-will tour to Canada and the United States, the Chicago grain fire.

j-h-a 10 minutes $1.85

NEWS PARADE — 1940 (UW)

Shows the outstanding events of 1940 — the invasion of Norway, Holland, Dunkirk; France's surrender at Compiegne; the draft in the United States; and the first 3rd term president.

j-h-a 10 minutes $1.85

NEWS PARADE — 1941 (UW)

Shows the outstanding events of 1941 — the meeting of Roosevelt and Churchill in the Atlantic and the drawing up of the Atlantic Charter; the Canadians' attack upon Spitzbergen; strikes in the United States; the battle for Russia.

j-h-a 10 minutes $1.85

NEWS PARADE — 1945 (UW)

Shows the war's end, the Allies in Berlin, the Yanks in Tokyo, the death of Roosevelt and war criminals.

general 11 minutes $1.85

NEWS PARADE — 1947 (UW)

Shows the Texas City disaster, Florida hurricane, British royal tour of South Africa, wedding of Princess Elizabeth, and the World Series.

j-h-a 10 minutes $1.85

NEWS PARADE — 1954 (UW)

The 17th annual News Parade Film.

j-h-c-a 10 minutes $1.85

NEWS REVIEW OF 1945 (OF)

Includes the final victory of World War II, the bombing of Nagasaki, a typhoon in the Pacific and New York's welcome to the war heroes.

j-h-a 11 minutes $1.85

NEWS REVIEW OF 1947 (UW)

Complete movie record of one of the most critical years in the history of the world. The stupendous events of the year compiled in a permanent, living record.

general 11 minutes $1.85

NEWS THRILLS OF 1942 — VOLUME I (OF)

The first volume covers the following subjects: Japs bomb Pearl Harbor, battle of Singapore, United States declares war, burning of S.S. Normandie, Russia stops Hitler, shelling of Aruba, and U.S. Navy blasts Marshall Islands.

j-h-c 11 minutes $1.85

NEWS THRILLS OF 1942 — VOLUME II (OF)

Volume II tells of the following events: battle of Midway, British capture Madagascar, allied convoy foils Axis attack, "Flying Tigers" in the Far East, R.A.F. bombs Paris, General MacArthur takes supreme command in Australia, General MacArthur in the Philippines, and General Stillwell and Chiang Kai-shek in Burma.

j-h-c 11 minutes $1.85

NEWS THRILLS OF 1942 — VOLUME III (OF)

The third volume includes the following: United States raids Dieppe, United States captures the Solomon Islands, United Nations trap Rommel, and 1100 planes bomb Germany.

j-h-c 11 minutes $1.85

NEWS THRILLS OF 1942 — VOLUME IV (OF)

The fourth volume covers the following events: United States opens second front, Russian offensive traps Nazis, British victorious in Egypt, and U.S. carrier bombed by Japs.

j-h-c 11 minutes $1.85

NEWS THRILLS OF 1943 — VOLUME I (OF)

Vividly and dramatically sketches the following history-making events: President Roosevelt and Prime Minister Churchill meet at Casablanca; Timor; Guadalcanal, Marines blast Japs; Stalingrad, Russians victorious.

j-h-c 11 minutes $1.85

NEWS THRILLS OF 1943 — VOLUME II (OF)

Depicts the smashing victory of the Allies in Tunisia. There are scenes of the Japanese sneak attack on Pearl Harbor. Doolittle's famous flight to bomb Tokyo, and the sinking of 24 Japanese ships in the battle of Bismarck Sea are also shown.

j-h-c 11 minutes $1.85

NEWS THRILLS OF 1943 — VOLUME III (OF)

The invasion of the Allies in Sicily and the fall of Pantelleria are vividly portrayed in the third volume of the news thrills.

j-h-c 11 minutes $1.85

NEWS THRILLS OF 1943 — VOLUME IV (OF)

American fliers making their famous bombing raid on the Ploesti Oil Fields, and the surrender of Italy are the two topics graphically covered in this film. Also shown are scenes filmed by Italian cameramen depicting the reaction of the Italian people to the surrender, cutting down the Fascist emblem, street parades, and general celebration.

j-h-c 11 minutes $1.85

NEWS THRILLS OF 1944 — VOLUME I (OF)

News thrills for 1944 gets off to a splendid start with this first dramatic volume. History in the making is shown in the meeting of Chiang Kai-shek, Roosevelt, and Churchill in Cairo and the following conference at Teheran of Stalin, Roosevelt, and Churchill. Graphic sequences of the battle for Tarawa photographed by U.S. Marine Corps cameramen are also seen in this exciting news subject.

j-h-c 11 minutes $1.85

NEWS THRILLS OF 1944 — VOLUME II (OF)

The second volume of the news thrills for 1944 depicts the Allied invasion of the western coast of Europe. Many close-ups are taken of the first wave landing on the Cherbourg peninsula, and of the intense bombing raids over occupied France. Glimpses of native Frenchmen, of German prisoners, of wounded Americans, and of the meeting of Eisenhower and Montgomery are among sequences seen in connection with D-Day.

j-h-c 11 minutes $1.85

NEWS THRILLS OF 1945 — VOLUME II (OF)

Volume II tells of the following events: Gen. MacArthur's return to the liberated city of Manilla, Lingayen Gulf battle, landing on Leyte and Luzon, and the spectacular paratroop attack and recapture of Corregidor.

j-h-c 11 minutes $1.85

NEWS THRILLS OF 1945 — VOLUME III (OF)

The battle for Iwo-Jima is vividly portrayed in the third volume of the news thrills. Air and sea bombardments pave the way for the invasion of Iwo-Jima as 40,000 U. S. Marines capture airfields, storm pillboxes and push on through the volcanic ash in the toughest, bloodiest battle in Marine history.

j-h-c 11 minutes $1.85

NEWS THRILLS OF 1948 (OF)

Here are the great events of world history that occurred in 1948. An exciting, historical film, covering a year of violence and change in a world still unsettled.

general 10 minutes $1.85

NEWSPAPER STORY (EB)

Presents a vivid behind-the-scenes view of a newspaper office. Follows a human interest news story from the time a reporter first learns of it until it appears in print on the front page. Impressively illustrates the duties of the workers who observe, write, edit, print and distribute the daily newspaper. Shows the huge presses and other mechanical devices which make possible the printing of thousands of newspaper copies in a matter of minutes. Suggests the tremendous importance of the newspaper as a medium of communication.

i-j-h 16 minutes $2.25

NEWT, THE (IFB)

Begins by comparing the three common types of newts. Male and female smooth newts are chosen for detailed study. Animated drawings describe the reproductive process and the development of the sex organs. The life cycle is then shown in detail. Habitat, hibernation, and mating habits are also pictured.

j-h-c-a 10 minutes $1.85

NIAGARA FALLS (HFE, Color)

Shows the geological explanation of the formation of the falls, and tells of its discovery by Father Hennepin in 1678. Niagara is also shown as a valuable source of hydroelectric power both to the United States, and to Canada.

j-h-c 11 minutes $2.70

NIAS AND SUMATRA: ISLANDS OF THE NETHERLANDS EAST INDIES (NA)

Maps and commentary depict the people and their life in relation to the rest of the world. The film shows the land being farmed, the home life of the inhabitants, their folk-lore, their famous arts and crafts, their religion, their dances and music, the products and the industries.

j-h-a 11 minutes $1.85

NICKEL REFINING (USBM)

Begins with airplane views of a large refinery producing electrolytic nickel, black nickel oxide, and nickel shot. Shows how nickel sulphide is crushed and ground in ball mill and all processes in between up to the time molten nickel strikes the jets of water where it is disintegrated into small globules or shot, which drop into water, are cooled, dried, and barreled.

h-c 22 minutes Handling charge, $1.00

NIGHT AND BAD WEATHER DRIVING (PRP)

Deals with the safety steps you should take when driving during bad weather — care of your car — safety appliances — how to prevent a skid — and many other safety precautions. Shows why darkness and bad weather are the two worst killers.

h-c-a 11 minutes $1.85

NIGHT BEFORE CHRISTMAS
(TFC, Color, Restricted to Classroom Use)

Animated cartoon concerning Tom, the cat, and Jerry, the mouse, in the living room with a Christmas tree and a fire place.

p-i-j-h 10 minutes $3.35
(one day only)

NIGHT BEFORE CHRISTMAS (UW)

The famous poem comes to life in a film which combines live actors with animated sequences.

general 11 minutes $1.50
(one day only)

NIGHT IN THE JUNGLE (LF)

Shows insect life in the Amazon jungle as photographed by Commander Dyott.

i-j-h-c-a 10 minutes $1.85

NIGHT MAIL (BIS)

This is the journey of the "Postal Special," London to Scotland, a fast express carrying no passengers and manned entirely by Post Office workers. Mail is sorted on board and at various railway centers on the way mailbags are received or dispatched. The train also picks up or drops mail en route while traveling at high speed.

general 25 minutes $3.70

NIGHT VISION FOR AIRMEN (CAA)

Explains the problems faced by flying personnel in seeing at night. Shows the anatomical and physiological aspects of the eye and the reason for the proper techniques of becoming dark adapted. Reveals the technique for the most effective use of the eyes at night.

h-c-a 19 minutes Handling charge, $1.00

NILE RIVER BASIN AND PEOPLE OF THE UPPER RIVER (A)

Follows the river northward from Lake Victoria to central Sudan showing the living conditions, work, travel, transportation, and habits of the people dependent upon the Nile.

i-j-h-c-a 17 minutes $2.85

NILE RIVER VALLEY AND THE PEOPLE OF THE LOWER RIVER (A)

The annual flood of the Nile and its effects on the life of the people and agriculture is shown. Concentrates on the lower half of the Nile River from the semi-arid plains of central Sudan of the Nile to the Mediterranean Sea.

i-j-h-c-a 17 minutes $3.00

NINE BAD SHOTS OF GOLF (McGH, Color)

Experts have analyzed all major golf faults, broken them down into nine bad shots and shown exactly how to correct each one in a combination of straight action, slow motion photography and "freeze frame" shots.

h-c-a 11 minutes $2.70

NINE BASIC FUNCTIONAL SYSTEMS OF THE HUMAN BODY (B)

The principal and basic constituents of the human system are set forth by means of animated drawings in nine groups — circulatory, nervous, sensory, digestive, lymphatic, endocrine, skeletal, muscular, and excretory. The description of each group is confined to essential facts, and the series as a whole is intended to supply the student with a basic knowledge of the different parts which unite in the coordinated functioning of the whole body.

h-c 11 minutes $1.85

1947 NATIONAL SINGLES TENNIS CHAMPIONSHIPS (AFS)

Shows in slow motion the final matches played on the courts of the West Side tennis club at Forest Hills. Women finalists are Louise Brough, Margaret Osborne and Doris Hart. Men finalists are Jack Kramer and Frank Parker.

j-h-c-a 10 minutes $1.85

1947, YEAR OF DIVISION
(TFC, Restricted to Classroom Use)

Headline events of the year, including the international difficulties which have set the United States and the USSR at odds.

h-a 21 minutes $2.85

NINETY AND NINE, THE (SCH, Color)

Dramatizes the parable of the lost sheep, as told by Jesus.

p-i-j-h-c-a 10 minutes $3.00

NO ACCIDENTS (BIS)

Emphasizing again the importance of observing all safety precautions in industrial work and pointing out that man-hours lost because of accidents are a bonus to Hitler.

j-h-c 11 minutes $1.85

NO HEAD START
(TFC, Restricted to Classroom Use)

Homer MacAuley and Hubert Akely are rivals for a place on the high school track team. Hubert is favored by the coach because of his family's social position, but the boys' history teacher sees to it that Homer has an equal chance to compete for the championship, which he wins.

i-j-h-c-a 8 minutes $1.50

Christmas Films

ALIAS ST. NICK
A CHRISTMAS CAROL
CHRISTMAS CAROLS
CHRISTMAS IN SWEDEN
THE LITTLEST ANGEL
SANTA AND THE FAIRY SNOW QUEEN

NO HELP WANTED (AMA)

Tells of the jobs disabled veterans are holding now in American industrial plants. It shows clearly many of the jobs that can be performed by the veteran who has been disabled in the service of his country.

general 18 minutes Handling charge, $1.00

NO SMOKING (SD)

A boy and girl start to light a cigarette, but the narrator stops them and explains how smoking costs each smoker $150 to $500 per year, and how smoking affects the health and length of life of smokers. Recommends that the only sure way to break the smoking habit is not to start.

j-h 10 minutes $1.85

NOAH AND THE ARK (HFE)

Shows Noah receiving the message of Jehovah, building his ark and assembling his animals. The God-fearing, hard-working Noah is shown in sharp contrast to the lustful, greedy men of his period.

c-a 11 minutes $1.85

NOBEL PRIZE (SCA)

An inside view of the procedure by which the prize winners are selected. It also shows the customary Nobel prize festival which takes place at Stockholm at the anniversary of Nobel's death.

j-h-a 7 minutes $1.85

NOBODY'S CHILDREN (MOT)

In the United States today, one couple in every seven is childless; many of them wish to adopt babies, but there just aren't enough babies to go around. The film shows the dangers in lax adoption procedure and documents the more advanced methods.

general 17 minutes $2.65

NOMADS OF THE JUNGLE — MALAYA (UW)

The moment this picture begins you experience the illusion of actual presence in a Malayan jungle and participation in the everyday life of a typical nomad family. You hear the chatter and laughter of carefree moments and you understand perfectly how these people plan their lives, anticipate their needs, and meet their problems in relation to climate, environment, and natural resources. The story centers upon the development of a boy approaching maturity and his preparation for adult responsibilities.

j-h-c 20 minutes $2.65

NOR LONG REMEMBER (JH)

A dramatic presentation of Lincoln's "Gettysburg Address."

j-h-e-a 10 minutes $2.00

NORMAL BIRTH, A (MFI)

Delineates the actual physical birth of a child, from the time the mother enters the delivery room until she leaves it. Because of the subject matter, the film is for distribution only to qualified persons and for showing to properly constituted groups under the supervision of a qualified leader.

h-e-a 11 minutes $1.85

NORMANDY INVASION (OWI)

An unforgettable record of the tremendous preparations and effort made by the invasion forces on D-Day. Gripping scenes of U. S. Troops wading through a hail of machine gun fire from boats which have worked their way through mine fields and under water obstacles highlight the picture. There are excellent long shots of the entire movement to show air, land, and water forces coordinated in a perfectly timed invasion of the European continent.

h-c-a 19 minutes $2.65

NORTH AMERICAN ELK (WLF, Color)

One of the most stirring records of these giant game animals ever produced. An hour old calf's first steps, huge bulls with towering antlers, their amazing speed and grace in all types of terrain. How they feed and migrate down to the plains in countless numbers during the winter season. Matchless photography with superb sound and narration.

general 10 minutes $2.70

NORTH ATLANTIC ROUTE, THE (CAA)

Introductory film explaining the application of rules and procedures for international flights generally and showing the use of some of the procedures and facilities during a typical flight on the North Atlantic route.

h-e-a 20 minutes Handling charge, $1.00

NORTH TO HUDSON BAY (NFBC, Color)

An expedition through Canada's rugged Northland to Hudson Bay takes the holiday-maker far off the beaten track. Setting out from Winnipeg on an excursion train, the camera carries us across wheatlands, past lakes, into famous mining towns and over muskeg to the port of Churchill. Here the modern explorer is introduced to local wild life — ptarmigan, caribou and white whale — and learns about the commercial and scientific activity in this most northerly of major Canadian ports.

general 11 minutes Handling charge, $1.00

NORTHEASTERN STATES, THE (EB)

Provides an interpretation of historical progress in the development of resources in the areas of West Virginia, Maryland, Delaware, District of Columbia, New Jersey, Pennsylvania, New York, Connecticut, Rhode Island, Massachusetts, Vermont, New Hampshire, and Maine. Features of the land, people, natural resources, textile, clothing and heavy industries are also given.

j-h-c 11 minutes $1.50

NORTHERN RAMPART — STORY OF ALASKA (RKO)

Casts a revealing spotlight on this territory of plank main streets, totem poles, ghost towns, glaciers, forests — and unlimited opportunity.

general 18 minutes $3.00

NORTHWEST U. S. A. (UW)

Depicts the resources, industries and the people of Oregon and Washington. Includes fishing, mining, forestry and the Grand Coulee Dam.

i-j-h-e-a 21 minutes $3.00

NORTHWESTERN STATES, THE (EB)

The physical characteristics of the states of Montana, North Dakota, South Dakota, Wyoming, Idaho, Utah, Colorado, Nebraska, and Kansas are shown. Topography, rainfall, drainage, fauna and flora, people, metropolitan centers, scenic and recreational features, transportation and commercial activities, natural resources, and agricultural situations are shown. Special consideration is given to the interdependence of this region with other regions of the country.

j-h-e 11 minutes $1.50

NORWAY (IFI, Color)

Gives a better understanding of the life and work of the people of Norway.

j-h-c-a 10 minutes $2.70

NORWEGIAN CHILDREN: FARMING ON A FIORD (EB)

Provides an interesting visit with a farm family on a fiord in western Norway. Portrays typical activities of the children and mother tending livestock on the mountains during the summer. Emphasizes dairying activities such as milking, cheese making, and transporting milk to dairy in valley. Follows family back to farm home in valley and describes trip of children across fiord to village and cooperative dairy. Concludes with neighborhood festival to celebrate homecoming of the women and children.

p-i 11 minutes $1.50

NORWEGIAN FOLK DANCES (AFR, Color)

Features distinctive dance routines of Norway as handed down from generation to generation. Background music accompanies the dancers, who execute three routines: Reibender, Sprindans, and Fire Turen.

i-j-h-c-a 11 minutes $2.70

NOSE: STRUCTURE AND FUNCTION (**EB, B&W and Color**)

By use of animation and microphotography, film shows physiology, breathing, and smelling functions of the nose. The protective system of the breathing organs and reasons for breakdowns in the nasal passages is also explained.

h-c-a 11 minutes B&W $1.85, Color $3.00

NOSE, THROAT AND EARS (McGH)

Animated drawings are utilized extensively in describing these parts of the body, so that the student may clearly see their structure and functions, and thereby understand the reasons for recommended procedures for their care. (For other titles in this series see Body Care and Grooming.)

j-h-c 11 minutes $1.50

NOSTRADAMUS (**TFC, Restricted to Classroom Use**)

The biography of one of the world's famous mystics, who, as a doctor, evolved an effective cure for the Black Plague, and as a soothsayer, made many startling predictions about world events which have since been fulfilled.

j-h-c 11 minutes $1.50

NUMBER SYSTEM, THE (**EB, B&W or Color**)

Demonstrates the combining of single objects into groups of ten. This is followed by counting groups of ten. Several combinations are given representing a variety of combinations with two place numbers only.

p 11 minutes B&W $2.00, Color $2.70

NUNS WHO HURRIED, THE (**RVP, Color**)

Story explains that there are convents all over the world. Many different types of nuns with many different duties are shown in these convents. All have one thing in common hurrying to rise early in the morning to praise God.

p-i 11 minutes $3.00

NURSE, THE (EB)

Stresses the significance of the nurse as a person trained to provide technical and personal services that assist the sick. Describes clearly some of the typical activities of nurses in the pediatrics, emergency, and maternity wards of a hospital. Points out that, in addition to technical skill, the good nurse has a pleasing personality which helps win the confidence of her patients.

p-i-j 11 minutes $1.50

NURSING (VGF)

Nursing is divided into three distinct groups. The three groups are: Private Nursing, Public Health Nursing, and Institutional Nursing. The film shows the variety of the nurse's activities while in training and it indicates the thoroughness of training in a good school. It shows some of the activities of the three groups of nursing as well as the problems connected with each.

h-c 11 minutes $1.85

OARS AND PADDLES (GAN)

Teaches skills necessary to prevent accidents in small boats and canoes including the proper methods of launching, rescues, and techniques of handling small craft.

j-h-c-a 24 minutes $3.85

OBERAMMERGAU (**Passion Play**) (BFP)

Scenes of the Bavarian countryside are shown, as well as the architecture, violin-making, and woodcarving in the town of Oberammergau. Shows the setting of the Passion Play and some of the residents of Oberammergau who were to participate in the play of 1950. Closes with views of the palace of Linderhof.

j-h-c-a 15 minutes $3.00

OBESITY — PROBLEMS OF FAT FORMATIONS AND OVERWEIGHT (**EB, B&W and Color**)

Illustrates the physiology of fat formation in the human body and analyzes physiological and psychological causes of overweight. Reveals ways in which body weight can be controlled and explains the danger of uncontrolled fat accumulation.

h-c-a 12 minutes B&W $2.25, Color $3.85

OBJECTIVE SECURITY (OWI)

The dramatic story of 300,000 Okinawans who learned about American government from the members of the Civil Affairs team that liberated them from Japanese domination.

general 18 minutes $2.65

OBLIGATIONS (SM)

Contrasts the life of the disorganized Smith family with that of the Browns who have solved most of their problems of orderly living — by paying attention to their mutual obligations. Stresses our individual responsibility to each other.

j-h-c-a 18 minutes $2.65

OBLIQUE CONES AND TRANSITIONAL DEVELOPMENTS (McGH)

Animated drawings show the development of several of the more complicated shapes, step by step, starting with the oblique cone. A transition showing connection of a circular opening and a square opening is then developed and finally a transition connecting two curved openings. The use of true length diagrams and triangulation is demonstrated.

h-c 11 minutes $1.85

OCALA (USDA)

A scenic tour through Ocala Park in Florida.

general **11 minutes $1.50**

OCCUPATIONAL HEALTH PROBLEMS (MF, Color)

Portrays industrial dermatoses, lead contamination, tuberculosis surveys, the common cold in industry, traumatic cases and burns, the basic principles of rehabilitation of the injured, radiation control and protective measures in the handling of contaminated material in atomic energy plants.

h-c-a 48 minutes $20.00

OCTOPUS FIGHT (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

OESOPHAGEAL SPEECH (BIS)

Demonstrates and explains one method of providing the laryngectomised man or woman with a substitute for normal speech.

c-a 10 minutes $1.50

OF HUMAN RIGHTS (ANTI)

An incident involving economic and racial prejudice among children is used to dramatize the importance of bringing to the attention of the peoples of the world their rights as human beings as set forth in the "Universal Declaration of Human Rights."

j-h-c-a 21 minutes $3.00

OF LIGHT AND DARKNESS (ASF)

A girl, about to be married, suffers a head injury and is told she will be blind within a few weeks. Shows her initial shock on hearing the doctor's diagnosis, her feeling of hopelessness as she visits the places she will see for the last time, and finally her adjustment to approaching blindness following talks with a young seminary student and a blind woman who is happy and self-sufficient.

i-j-h-c-a 20 minutes $3.00

OF PUPS AND PUZZLES (TFC, Restricted to Classroom Use)

Is a study in individual differences and techniques to be followed in fitting applicants to the positions of their greatest usefulness. By way of illustration, a psychiatrist observes animals' reactions to certain stimuli in order to judge better what to expect from humans under given conditions. Comparisons are made in the commentary as the picture shows three young men applicants at an airplane factory exhibiting extremely different reactions to the same kind of test. They are assigned to jobs which are indicated by these reactions.

j-h-c 10 minutes $1.85

OFFICE COURTESY (EB, B&W and Color)

Dramatizes techniques for office workers in meeting and working with persons outside the company, face to face and over the telephone. Emphasizes the importance of courtesy and thoughtfulness and reveals how the employee's attitude may, without his realizing it, have considerable effect on his company's success.

h-c-a 12 minutes B&W $2.25, Color $3.85

OFFICE ETIQUETTE (EB)

Emphasizes the importance of courtesy in everyday business contacts by portraying ways in which office etiquette contributes to success in office relationships. Shows how courtesy can be applied to typical situations such as applying for a job, reporting for work the first day, and performing routine secretarial duties. Emphasizes consideration for fellow workers and employer, telephone courtesy, promptness, and the desirability of a friendly but businesslike attitude while on the job.

h-c-a 16 minutes $2.25

OFFICE TEAMWORK (EB, B&W or Color)

Illustrates the importance of cooperation among the members of a business organization. Dramatizes representative office situations in which teamwork is necessary and reveals the effects of various employee attitudes on company morale and business.

h-c-a 12 minutes B&W $2.25, Color $3.85

OH MY ACHIN' TOOTH (OF)

You'll scream with laughter as Lou Costello goes from the dentist's chair to the psychiatrist's office.

general **10 minutes $1.50**

OHIO (INF, Color)

The historical, industrial, geographical, and scenic highlights of the state.

i-j-h-c-a 10 minutes $3.00

OHIO, ITS MINERAL RESOURCES (USBM)

A travelog-type description of Ohio, concentrating on its vast wealth of mineral resources, both in minerals mined and water power.

general **30 minutes Handling charge, $1.50**

OHIO RIVER: LOWER VALLEY (A)

Shows lower half of Ohio River as it affects people who live in its valley. Includes commerce on the river, canals, locks, levees, and floodwalls for flood control.

Also typical Ohio Valley farms are shown and a trip on a modern river passenger steamer.

i-j-h-c-a 11 minutes $2.35

OHIO RIVER: UPPER VALLEY (A)

Film features cities of Pittsburgh and Cincinnati with their principal industries. Stresses importance of upper Ohio Valley to people in air views and scenes along the river. Maps show river's length, tributaries, etc.

i-j-h-c-a 11 minutes $2.35

OHIO STATE TRAVELOG — BIG BOTTOM PARK (State Ed. Dept. — Ohio)

This travelog pays a visit to Big Bottom Park and with this as a starting point traces the expedition of Harmar, St. Clair and Wayne, and shows the places in Ohio made outstanding by them.

i-j-h 11 minutes Handling charge, $1.00

OHIO STATE TRAVELOG — BRIDGES, LAKES, MONUMENTS (State Ed. Dept. — Ohio)

Included are scenes of the Natural Bridge, Mine Fire, Lake Alma, Sheridan Home and Monument, Sherman Home, Mount Pleasant, Lithopolis, and Buckeye Lake.

i-j-h 11 minutes Handling charge, $1.00

OHIO STATE TRAVELOG — BUCKEYE LAKE REGION (State Ed. Dept. — Ohio)

Parts of the Buckeye Lake Region have been burning for many years. The fire is that of burning coal underneath the earth. The government has spent half a million dollars in the attempt to put an end to it. Since the region is one of great natural beauty, there are many popular summer resorts and amusement centers. Included are scenes of the Natural Bridge, Lake Alma, Sherman Home, Sheridan Home, Hocking River, and Buckeye Lake.

i-j-h 11 minutes Handling charge, $1.00

OHIO STATE TRAVELOG — CINCINNATI TO PITTSBURGH (State Ed. Dept. — Ohio)

A steamboat trip on the Ohio River from Cincinnati to Pittsburgh and return is the subject of this film. The dining room, deck sports, loading the boat, pilot house, and other features of the boat itself are shown.

i-j-h 11 minutes Handling charge, $1.00

OHIO STATE TRAVELOG — THE CITY OF CINCINNATI (State Ed. Dept. — Ohio)

Scenes in this film include the city of Cincinnati as seen from Kentucky Shore, Fountain Square, Site of Port Washington, Ohio River from Eden Park, Rockwood Pottery, Art Museum, Harrison's Tomb, Ohio River at North Bend.

i-j-h 11 minutes Handling charge, $1.00

OHIO STATE TRAVELOG — CITY OF CLEVELAND (State Ed. Dept. — Ohio)

Scenes of Cleveland Terminal Building, Public Square, Garfield Monument, Ore Dock, Auditorium, Air Port, Art Museum, Parks and Lake Scenery are shown.

i-j-h 11 minutes Handling charge, $1.00

OHIO STATE TRAVELOG — HOCKING CAVE REGION (State Ed. Dept. — Ohio)

The Hocking Cave region is shown while the commentator narrates a story of the region. Rockhouse Cave, Old Man's Cave, Cantwell Cliff, Conkle's Hollow, and Cedar Falls are some of the scenes shown.

i-j-h 11 minutes Handling charge, $1.00

OHIO STATE TRAVELOG — MOHICAN FOREST PARK (State Ed. Dept. — Ohio)

Depicted are Mohican Forest Park, Willard Monument, Spirit of '76, and Portage Lake Scenes.

i-j-h 11 minutes Handling charge, $1.00

OHIO STATE TRAVELOG — OHIO RIVER (State Ed. Dept. — Ohio)

The roads to Buckeye Station, the Ohio River, a ferry on the River, the Rankin House, Grant's Birthplace at Point Pleasant, and Grant's Home and School at Georgetown are some of the scenes shown.

i-j-h 11 minutes Handling charge, $1.00

OHIO STATE TRAVELOG — PUT-IN-BAY (State Ed. Dept. — Ohio)

Put-in-Bay, Perry Monument, Marblehead, Kelley's Island, Cedar Point, Blue Hole, Edison's Home, McPherson Monument, and Crawford Monument are shown.

i-j-h 11 minutes Handling charge, $1.00

OHM'S LAW (USA)

Explains the elements of electricity; electrical energy, its source, transmission, and use; composition of matter; use of force and energy; how Ohm's law functions; resistance and the purpose and use of meters.

j-h-c-a 19 minutes $3.35

OIL (CRC)

Describes the many uses of oil in everyday life and the importance of it in progress and the maintenance of our standard of living.

h-c 20 minutes Handling charge, $1.00

OIL FOR ALADDIN'S LAMP (ASFL)

Scenes in petroleum research laboratories tell of the development there of petroleum products and many other products useful in our daily lives. The film explains the challenging research job, and emphasizes the value of this research in national defense.

i-j-h-c 30 minutes $3.70

OIL TODAY, POWER TOMORROW (F, Color)

The story of oil and how it is brought to the earth's surface. Indicates the variety of oil products and shows how they are transported. Emphasizes the importance of the men who work in the oil industry and the significance of oil as a source of power and heat in the world today.

i-j 16 minutes $4.25

OKIKA O HAWAII (ORCHIDS OF HAWAII) (CSC, Color)

Explains the nursing of the dust-like seeds in Agar solution and all the in-between steps of feeding, pest control, dividing, transplanting, and other important features to produce blooming-sized plants in five to six years.

h-c-a 22 minutes $4.85

OKLAHOMA AND ITS NATURAL RESOURCES (USBM, Color)

Film opens with a continuity of maps showing geographical developments of State from its beginning as a part of Louisiana Purchase from France in 1803. There follow descriptions and scenes of interesting development in agriculture, mineral production, commercial buildings, residential areas, and educational and religious institutions in some of the principal cities of the State.

general 26 minutes Handling charge, $1.00

OLD AND MODERN NEW ORLEANS (TFC, Restricted to Classroom Use)

A travelog of old and new New Orleans, with special emphasis on the old French Section. Scenes include colonial public buildings of French and Spanish origin, cathedrals, parks, statues, quaint streets, iron grilles, balconies, the old French market, small shops, famous old residences, outdoor restaurants, patios with blooming flowers, the modern city, the four universities, etc.

j-h 10 minutes $1.85

OLD CHIEF'S DANCE (UOK, Color)

A Sioux Indian Chief's own life story, told in dance — recounting of outstanding deeds of valor that have marked the dancer's life. Subtle, dignified and stately, it is an old man's dance, expressive of a richly different culture that now has vanished. It was not regarded as boastful for an Indian thus to tell of his triumphs. Rather, it was his duty as well as his privilege, since it preserved unwritten history and set a pattern of courage and achievement for the younger men to follow.

h-c-a 6 minutes $2.70

OLD GLORY (TFC, Color, Restricted to Classroom Use)

Animated cartoon based on a pig's indifference to the "Pledge of the Allegiance" to the flag.

p-i-j-h 10 minutes $2.85

OLD HICKORY (TFC, Color, Restricted to Classroom Use)

Biography of Andrew Jackson, affectionately known as "Old Hickory." Characters portrayed include Gov. Claybourne, Lafitte, the pirate, Chief Justice John Marshall, Daniel Webster, Senator Robert Hayne and Abraham Lincoln. Events cover British attack on New Orleans, Jackson's strategy to defeat them, his refusal to fight a duel, his election as president, the Daniel Webster-Robert Hayne debate over the tariff, and Jackson's action on the tariff.

j-h-c 20 minutes $4.25

OLD MACDONALD HAD A FARM (EC)

Scenes show how Angus learned to avoid backbreaking work by putting his tractor on a full-time basis. With him, you'll see how a tractor can be made to plow and harrow in one operation, turn windrows, make drainage ditches, harvest forage crops, clear weeds, saw wood, fill a barn.

h-c 28 minutes Handling charge, $1.00

OLD MACDONALD'S FARM (COFC)

Bobby and Sally have never seen a real farm animal. They know them only from pictures and books. But one day they see and play with all the animals on old Macdonald's farm.

p-i-j 10 minutes $1.50

OLD MAN 'POSSUM (LFI)

Includes the life history of an Australian Marsupial along with pictures of the young crawling into the pouch, nursing scenes, and habitat.

p-i-j-h-c-a 10 minutes $1.50

OLD MOTHER HUBBARD (UW, Color)

A cartoon adaptation of the nursery rhyme telling how the little dog goes from the bare cupboard to the king's table.

general 11 minutes $2.70

OLD PIONEER, THE (COF)

An animated cartoon on a "wild western" theme, dealing with the rush for gold and the exploits of an old pioneer among the Indians.

j-h 9 minutes $1.85

OLIVER WENDELL HOLMES (EB)

Reveals, with dramatized episodes from Holmes' life, the reasons for his position of eminence in our national cultural history. Portrays him as he drops the study of law for medicine, and outlines his later accomplishments in that field. Points out Holmes' contributions as a man of letters and as a lecturer, highlighting events incidental to the writing of "Old Ironsides," *Autocrat of the Breakfast Table,* and other works. Emphasizes the man's genial personality, his broad perspective, his intolerance of dogmatism; and reveals him as an exponent of the scientific method.

j-h-a 22 minutes $2.65

1952 OLYMPIC GAMES (USDE)

Highlights the major competitions held in Helsinki, Finland, of athletes of 67 nations in the 1952 Olympic games. Emphasizes the activities of U.S. athletes.

j-h-c-a 29 minutes $3.35

OMAHA — RAIL METROPOLIS OF THE PLAINS (McGH)

A tour of Omaha, the center of the Union Pacific Railroad system. Includes a ride on the California Zephyr, a visit to the city's cattle market, and a demonstration of the split-second servicing of night trains.

j-h-c-a 30 minutes $4.00

OMNI-BEARING DISTANCE NAVIGATION (UW)

Shows an air crew training in omni-range navigation; how navigation instruments and equipment aid pilot and crew under various weather conditions.

c-a 31 minutes $3.70

ON COMMON GROUND (BFC)

Tells of the actual development of a "Pastoral unity" or "larger parish" in Ohio, and shows by practical example how a group of rural churches can cooperate to do a better job of bringing Christ to the hearts of the people of the country.

h-c-a 28 minutes $6.00

ON GUARD (McGH)

Shows the methods used by the Federal Bureau of Investigation in protecting the United States from attacks from within.

h-a 17 minutes $2.85

ON MEDITERRANEAN SHORES — GREECE (UW)

The relatively barren soils of Greece are shown in this film producing a great part of the food needed by the people. By their three level system of farming the people of Greece obtain a large part of their food supply. Their proximity to the sea enables them to augment their food supply by fishing during the season when the land is too dry for farming. A few export crops provide funds with which the people of Greece supplement their relatively poor economy. This is basically the story of a poor people in a poor land, but wringing from the land all that it can provide.

j-h-c 22 minutes $2.65

ON MISSION FRONTIERS (ABC, Color)

Tours foreign lands and views the work at mission fields in Congo, India, Japan, Philippines.

h-c-a 28 minutes $5.20

ON STAGE (McGH)

Takes you behind the scenes as a Broadway play is being produced to show casting, set designing, rehearsing, and actual performance. Maxwell Anderson, Rex Harrison, Jed Harris and other famous stage personalities are introduced, as well as the numerous backstage workers.

h-c-a 18 minutes $3.00

ON THE AIR (JH)

Pictorially and musically a radio broadcast is put on the screen. The principle of the audio wave, its control, its conversion in the oscillator to a steady carrier wave, its transmission and its reception in the home are explained. Photography in the studio, control room and transmitting station gives an enlightening picture of the activity behind the scenes and the duties of some of the employees.

j-h-c 11 minutes $1.85

ON THE LEVEL (JH)

In this motion picture there is valuable demonstration of how mass and inertia affect straight line progress. We see that, in yesterday's car, there was a great deal of unsprung weight, consisting of the wheels, axles, running gear and all parts not mounted on springs. All this weight had an upward pounding effect when the car was driven over rough roads.

We are shown how the decreasing weight in the front axle and the inclusion of the individual spring suspension keep the pounding of the road at a minimum, while the wheels get the bumping, the car remains on the level.

j-h-c 7 minutes $1.85

ON THE ROAD TO DAMASCUS (UW)

Faithfully following the account in the Book of Acts, depicts the story of St. Paul's conversion to Christianity on the Damascus Road.

j-h-c-a 13 minutes $2.65

ON THE TRACK (AAR, Color)

The place of railroads in American industry and the meaning of the railroad industry to the American economy.

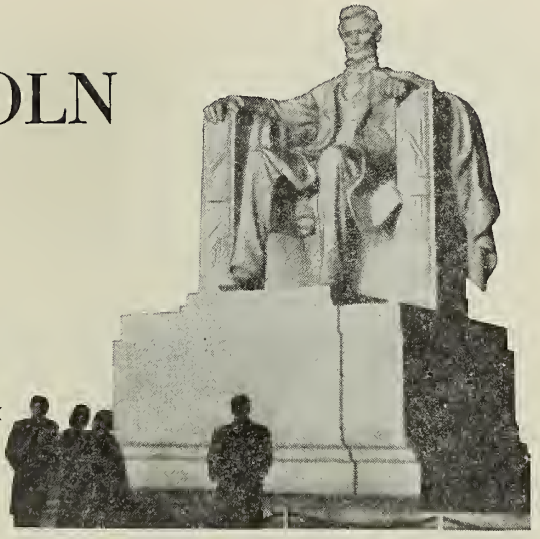
j-h-c-a 22 minutes $4.25

ABRAHAM LINCOLN

A Background Study

A superb introductory study of Lincoln for Junior High School and High School students.

12 MINUTES RUNNING TIME **$2.25 PER WEEK**



ON THE WAY TO SCHOOL (C)

Story of a boy's adventures on the way to school — meeting the milkman, watching a garage being built, looking in on a nest of robins, and watching a train go by. Intended to create interest in expression and activities concerning everyday experiences, and help primary children to tell a story in an orderly and chronological sequence.

p 11 minutes $1.50

ON TWO WHEELS (JH)

Bicycle safety is illustrated by incidents in careless riding of a bicycle which are brought before a juvenile traffic court and are corrected by various means.

i-j-h 14 minutes $2.65

ONE AGAINST THE WORLD (TFC, Restricted to Classroom Use)

Is the story of Dr. Ephraim McDowell, of Danville, Kentucky. On Christmas day, 1809, ridicluled by his profession, threatened by the superstition and opposition of his neighbors (but protected by the husband of his patient, Mrs. Jane Crawford), Dr. McDowell defied the bigoted crowd which prepared to hang him on his own lawn, and performed the first major operation on any human being in the world, thus paving the way for the advances of modern medical science.

j-h-c 11 minutes $1.85

1½-STORY TRUSSED ROOF-FRAME, THE (HHF, Color)

The step-by-step procedure for building the trussed roof-frame for the 1½-story houses is pictured.

h-c-a 17 minutes $4.25

ONE EQUALS FOUR (C, Color)

Pictures modern management methods for permanent pasture lands as advocated by leading agronomists and soil conservationists in the eastern half of the United States and Canada.

j-c-a 22 minutes $1.00

100 YEARS OF ART AND ARTISTS IN INDIANA (IU, Color)

Discusses and shows the work of the Pre-Hoosier Group, the Hoosier Group, and contemporary artists in Indiana.

h-c-a 20 minutes $4.25

ONE MATCH CAN DO IT (BFS)

The latest scientific methods of sighting, locating, and reporting mountain fires with special instruments are depicted. Various types of apparatus used in combating fires of this nature are shown in action.

Flood, the aftermath of fire through destruction of the watershed, claims its due, and a number of flood scenes illustrate this part of the picture.

Beginning with typical instances of carelessness resulting in forest fires, this film shows fire fighting methods used on a fire in a Southern California canyon, and the devastation the fire leaves behind.

j-h-a 10 minutes $1.50

ONE MAN'S OPINION (McGH)

Asks question of whether one person's judgment might reasonably run counter to the majority opinion. High School class has campaign to raise funds for school project but one student withholds support because he disapproves of high pressure methods which put individual at a disadvantage if they do not wish to contribute. Audience is invited to give opinions.

j-h 6 minutes $1.85

ONE PEOPLE (ANTI, Color)

Reviews the settling of America by groups of every national origin and the contributions these groups made to our way of life. Points out that our country's greatness stems from an admixture of races, creeds and nationalities.

j-h-c-a 14 minutes $4.25

ONE RAINY DAY: BACKGROUND FOR READING AND EXPRESSION (C)

One rainy day, children in a class listen intently to a story about another rainy day. When the story is ended, the children have learned how a storm begins with winds, clouds, thunder and lightning and what the rain does for soil, plants, cities, and people. Suddenly, the storm stops and a rainbow appears. The children feel that this is a wonderful way to end a rainy day.

p 10 minutes $1.50

ONE TENTH OF OUR NATION (IFB)

Presents the education of Negro children in the rural South, from one-room shacks to high schools and colleges.

h-c-a 26 minutes $3.70

ONE, TWO, THREE, GO! (TFC, Restricted to Classroom Use)

Demonstrates the safe way of crossing a street. Members of the familiar "Our Gang" are leading characters in this safety education picture made at the request of and with the cooperation of a group of national safety organizations.

p-i 11 minutes $1.85

ONE WAY TO BUILD A FLAT (CU)

Demonstrates a method of building a stage flat from reference to the blueprint through the covering of the flat with cloth.

h-c-a 15 minutes $3.00

ONE WORLD OR NONE (FPI)

A graphically vivid summary of the development of atomic energy and the atom bomb, stressing the need for world control by the United Nations.

h-c 9 minutes $1.50

ONION, THE (IFB)

The onion is used as an example of the life cycle of a plant. Begins with a highly magnified view of the onion seed showing young plant within. The growth process is then shown by means of microphotography and time lapse photography.

j-h-c-a 10 minutes $1.85

OPAQUE PROJECTOR, PURPOSE AND USE, THE (ISU)

A number of uses for the opaque projector — pictures in textbooks, maps and graphs, delicate material that it would be hard for the whole class to handle without damage. Also shows correct operation of the opaque projector.

c-a 7 minutes $1.50

OPERATION A-BOMB (McGH, Color)

Shows the field maneuvers of the U.S. Marines at Camp Desert Rock, Yucca Flat, Nevada. Shows the marines being exposed to an A-bomb blast — four miles from detonation, and the effect of the blast upon dummies and equipment.

j-h-c-a 22 minutes $6.00

OPERATION AND CARE OF THE BELL AND HOWELL SOUND PROJECTORS (BH)

Shows how to thread and operate Bell and Howell projectors. Also gives information on machine maintenance. Filmsound models 179 and 185 are used throughout the film.

j-h-c-a 21 minutes $2.65

OPERATION OF A FOREST NURSERY (USDA)

A U. S. Department of Agriculture film showing reforestation measures.

j-h-c 11 minutes Handling charge, $1.00

OPERATION SANDSTONE (UW, Color)

Shows preparations for three test detonations of atomic bombs at Eniwetok in the spring of 1948: views of the detonations.

h-c-a 20 minutes $4.25

OPERATION WHITE TOWER (McGH)

A pictorial record of the first scientific conquest of Mount McKinley, filmed with the cooperation of the Boston Museum of Science.

j-h-c-a 20 minutes $2.65

OPERATOR'S CARE AND MAINTENANCE OF MATERIALS HANDLING EQUIPMENT (UW)

Gives rules for the safe operation and maintenance of fork lift trucks used by military personnel, but applicable to general industry as well.

h-c-a 17 minutes $2.65

OPTICAL CRAFTSMANSHIP (9 Films) (UW)

A series of nine films in which details of lens grinding are described. Titles are: BEVELING, GROOMING, AND ROUNDING; FINE GRINDING AND POLISHING; INTRODUCTION TO OPTICS; OPTICAL INSPECTION METHODS, PART I; OPTICAL INSPECTION METHODS, PART II; OPTICAL PRODUCTION METHODS; ROUGH GRINDING; ROUGH GRINDING WITH A CURVATURE GENERATOR; and ROUGH GRINDING WITH A VERTICAL SURFACE GRINDER.

a 17-30 minutes each $2.85 each

OPTICAL CRAFTSMANSHIP SERIES (6 Films) (UW)

A series of six films describing various aspects of the lens grinding process. Titles are: CENTERING, EDGE GRINDING, AND BEVELING; FINE GRINDING; PITCH BUTTONING AND BLOCKING; POLISHING; ROUGH GRINDING; and ROUGH GRINDING BY PIN-BAR.

A 15-30 minutes each $2.85 each

OPTICAL POEM
(TFC, Color, Restricted to Classroom Use)

An attempt by Oscar Fischinger to interpret a musical selection in terms of color and geometric figures. While the orchestra plays Liszt's "Second Hungarian Rhapsody," the figures and colors appear on the screen.

i-j-h 8 minutes $3.00

ORANGE GROWER, THE (EB)

Tells the story of an orange grower and his family raising and harvesting their crop. Budding, pruning, planting, fertilizing, irrigating, controlling insects and temperature; and dependence upon meteorology, communication and transportation are shown.

i-j-h 11 minutes $1.50

ORCHIDS (UW, Color)

Beautiful color photography brings alive twenty types of orchids and other flora of South and Central America.

i-j-h-c-a 11 minutes $2.70

OREGON (IFI, Color)

Historical, industrial, geographical, and scenic highlights of the state.

i-j-h-c-a 10 minutes $2.70

OREGON AND ITS NATURAL RESOURCES (USBM, Color)

The scenic grandeur and varied resources of minerals, forests, land, and water are depicted.

j-h-c-a 30 minutes $1.50

ORGAN SOUNDS (ALF)

Opens with an organ playing Bach's "Toccata and Fugue." Then follows a visit to an organ workshop to see many operations in the construction of this huge instrument. Concludes with the singing of a psalm by a boys' choir with organ accompaniment.

h-c-a 10 minutes $1.85

ORGANIZING DISCUSSION GROUPS (EB)

Designed for those who are interested in forming discussion groups but need help in going about it. This film dramatizes various steps to be taken by a discussion group.

c-a 25 minutes $3.70

ORIENTAL CITY — CANTON, CHINA (UW)

This is the story of a Chinese city in which we study the habits and customs of oriental urban life. Life of people living on sampans of this river port and life in a Cantonese merchant's home are vividly presented. We watch Chinese artisans making handicrafts from ivory and silver. Produce arriving in Canton by boat and cart show the dependence of the city upon the surrounding countryside.

i-j-h 22 minutes $2.65

ORIGIN AND SYNTHESIS OF PLASTICS MATERIALS (UW)

Shows the organic origin of plastics and the resemblance of synthetic compounds to natural substances; synthesis of plastics from natural substances; differences between thermosetting and thermoplastic materials; compounding plastics to provide desired properties in products in which plastics are produced and typical plastics products.

c-a 20 minutes $2.65

ORIGIN OF MATHEMATICS (UW)

Shows various types of mathematical symbols and processes employed by succession of ancient peoples — cave dwellers, Egyptians, Babylonians, Greeks, Romans, Arabs, and Indians.

j-h 10 minutes $1.85

ORTHOGRAPHIC PROJECTION (McGH)

By a combination of animated diagrams and animated photography of specially prepared models, this film attains three-dimensional effects that simplify the explanation of shape description. (For other titles in this series see ACCORDING TO PLAN: INTRODUCTION TO ENGINEERING DRAWING.)

c 18 minutes $2.65

OSMOSIS (TFC, Restricted to Classroom Use)

An experimental teaching film which attempts to present a section of the standard biology curriculum in a manner suited to the background and attitude of a 15 year old student. When Jimmy finds it difficult to understand the process of osmosis his detective friend explains it to him with the aid of several experiments at the police laboratory.

i-j-h-c 20 minutes $3.00

OTHELLO (EPC)

A condensed version of Othello. An English cast featuring John Slater, Sebastian Cabot, and Luanne Shaw enact principal scenes from the play.

j-h-c-a 44 minutes $5.00

OUR ANIMAL NEIGHBORS (C)

Many small mammals make their homes near ours. Unless their habits are known, they are seen only by accident. In this film ten common species are shown — cottontail rabbit, gray squirrel, fox squirrel, chipmunk, gopher (thirteen-lined ground squirrel), deer mice, meadow mice, shrew, mole and bat.

p-i 11 minutes $1.85

OUR ATOMIC DEVELOPMENT (McGH)

The story of the development of Atomic Energy program in America from the work of Fermi to the modern atomic submarine.

h-c-a 30 minutes $3.70

OUR BABY (F)

Shows love and care family of 4 girls and 1 boy give to the youngest daughter, 14 months old.

i-j-h-c-a 16 minutes $3.35

OUR BASIC CIVIL RIGHTS (C)

Civil rights are preserved by our citizens and defined by our courts. Presents basic concepts of civil rights and directs the class toward a detailed study of our liberties which are fundamental to our society and defined in law. We recommend the film to general study groups as well as to school classes.

j-h-c-a 14 minutes $2.25

OUR BIG ROUND WORLD (C)

There are two air trips taken around the world. The first goes from west to east and proves that the earth is round and that day and night are related to the position of the earth to the sun. The second goes from north to south and visualizes the climatic zones and how climate in the zones is affected by their distances from the equator.

i 11 minutes $1.50

OUR BILL OF RIGHTS (ACFC)

The formation and adoption of the first ten amendments of the Bill of Rights, to the Constitution are recreated. The influence of James Madison is clearly shown. Madison, George Washington, Benjamin Franklin, John Randolph, Alexander Hamilton, and John Jay make this historic subject very real. Producers of this film state that all facts are authentic and that the dialogue is based upon correspondence of the characters portrayed.

j-h 20 minutes $2.65

OUR CHANGING WORLD (UTT & MPH, Color)

Story of the development of the earth since the beginning of time. Formation of the oceans, continents, and emergence of life are shown. Ends with the coming of man on earth.

j-h-c-a 1 hour $10.00

OUR COMING GENERATION (BRF, Color)

Depicts children's life in a city day nursery in the East Side House, New York City. Shows the activities of the children, the role of the teacher, and the share of the parents in the school program.

c-a 20 minutes $4.25

OUR COMMON FUELS (C)

For general science courses this film is designed to show what fuel is, and to indicate the sources and uses of our common fuels under two groupings: natural fuels and manufactured fuels.

i-j 11 minutes $1.85

OUR COMMUNITY (EB, B&W or Color)

Illustrates important community institutions and their services by portraying a day in the life of a ten-year-old boy. Depicts such services as police and fire protection, health safeguards, and parks and recreational facilities. Points out ways in which the members of a community serve each other, and emphasizes that membership in a community is a responsibility as well as a privilege.

i-j 11 minutes B&W $1.50,
Color $2.70

OUR CONSTITUTION (ACFC)

Dramatizes events which led to the Constitutional Convention in Philadelphia. Benjamin Franklin, Alexander Hamilton, George Washington, John Adams and others are portrayed.

j-h-c-a 20 minutes $2.65

OUR COUNTRY'S FLAG (C, Color)

Provides much information of value and importance to the average youngster, who does not always clearly understand the reasons for respect to the flag or the reasons for the flag itself. Explains the meaning of the flag, its symbolism and why it should be respected. The *Pledge of Allegiance* is told about simply and carefully in terms of everyday activity and rules of respect to the flag are reviewed and clearly explained.

p-i 11 minutes $2.70

OUR COUNTRY'S SONG (C, B&W or Color)

An elementary class is taught an appreciation for the "Star-Spangled Banner" by studying the incidents surrounding the writing of the song, as well as the importance of other songs in American History.

i-j-h-c-a 10 minutes B&W $1.50,
Color $2.70

OUR DECLARATION OF INDEPENDENCE (ACFC)

Dramatizes events from 1763 to 1776, including the Stamp Act, the Quartering Act, the Boston Tea Party, the Committees of Correspondence, and the signing of the Declaration of Independence.

j-h-c-a 24 minutes $2.65

OUR EARTH (EB)

An illuminating introduction to the study of world geography, this film is principally a survey of the physical aspects of our planet as they influence concentrations and activities of people. This broad general objective is accomplished by studying oceans and ocean currents, types of coast lines and harbors, rivers, lakes, valleys, plains, plateaus, and mountains. In every case the climatic and other influences of these physical phenomena are depicted in relation to the human element. Examples from all over the world are included.

i-j-h 11 minutes $1.50

OUR FEDERAL GOVERNMENT (YA)

An introduction to a study of the United States Government including an explanation of the functions of the three main branches and the system of checks and balances is shown. Also has the title "Meet Your Federal Government."

j-h 20 minutes $3.00

OUR FEET (KB)

Shows function and construction of the foot and considers in detail analysis of the walking step showing mechanism of shifting weight support and propulsion. Attention is called to influence of sound feet and general health of the individual.

j-h-e-a 11 minutes $2.00

OUR FLAG (IFI, Color)

Shows how to honor and display the flag of the United States of America.

j-h-c-a 15 minutes $2.70

OUR FOSTER MOTHER, THE COW (F, Color)

The human race owes a debt of gratitude to its foster mother, the cow. Babies all over the world are dependent on cow's milk for their very lives. This color film includes some factual material regarding farm problems: housing, feeding, breeding, selling cattle, calf care, milking, etc.

p-i 11 minutes $2.70

OUR INHERITANCE FROM HISTORIC GREECE (C, B&W or Color)

The cultural inheritances from ancient Greece in language, thought, architecture, sculpture, drama, and mathematics are linked directly with their context in modern American life.

i-j-h-e-a 10 minutes B&W $1.50, Color $2.70

OUR INHERITANCE FROM THE PAST (C, B&W or Color)

How much of our modern civilization is a product of the past? In this film, the contributions of the past to our modern life are presented resulting in a better understanding and appreciation of historic advances. By studying past civilizations and their accomplishments, the fact that our modern world is actually a product of the past is made dramatically clear.

j-h-c-a 11 minutes B&W $1.50, Color $2.70

OUR LIVING CONSTITUTION (C)

Shows how the basis of our government changes and grows to meet the needs of the times while holding to the principles of thought we hold dear. The picture depicts the Constitution operating in problems which are close to us to guarantee our rights and freedoms and protect the interests of the people as a whole.

i-j-h-e 11 minutes $1.50

OUR LIVING DECLARATION OF INDEPENDENCE (C)

Freedom, rights, obligations, the pursuit of happiness — meanings of these terms are explored as this timely film develops its theme that the Declaration is not a dead historical document, but a vital force and guide of living today. Illustrations from the lives of an immigrant and his children give present-day meaning to the principles of the Declaration.

i-j 16 minutes $2.25

OUR LOUISIANA PURCHASE (ACFC)

Depicts the historical events in Europe and the United States in connection with the purchase of the Louisiana Territory from France. Portrayed in the film are Napoleon, Talleyrand, Jefferson, and Livingston.

i-j-h-c-a 20 minutes $2.65

OUR MONROE DOCTRINE (ACFC)

Henry Clay, John Calhoun, and James Monroe, are portrayed. Considers why it was necessary to issue the Doctrine, what forces were instrumental in shaping the policy proclaimed, the part the independence of the South American republics played in influencing the policy of the United States, the Holy Alliance of Europe and their aims for world domination.

j-h-c-a 20 minutes $2.65

OUR NATIONAL GOVERNMENT (KB)

Not only portrays historical background and the operation of our national government, but also treats its basic philosophy and the devices by which our forefathers sought to maintain order in government while preserving personal liberty.

i-j-h 10 minutes $1.85

OUR NEIGHBORS DOWN THE ROAD (UW, Color)

A motor truck expedition goes along the route of the Pan-American Highway from Caracas to Santiago, Buenos Aires, and Rio de Janeiro with side trip to Straits of Magellan. Total of 9 countries are visited.

j-h-c-a 43 minutes $5.20

OUR SHRINKING WORLD (YA)

An overview of the development of transportation and communication is depicted in this film. It stresses the gradual bringing together of all the peoples of the world and the effect of this new neighborliness upon our everyday existence and explains the factors which have stimulated this progress.

j-h 10 minutes $1.85

OUR STAKE IN TROUBLED MOROCCO (McGH)

Graphic picture of Morocco today.

j-h-c-a 27 minutes $3.70

OUR STAND IN KOREA (UW)

Beginning with the assault upon the Republic of Korea on June 24, 1950 by North Korean forces, this film presents a chronological report of events in the Korean crisis to July 8, 1950. In the closing scene President Truman states that the cost of freedom is high, but we are determined to preserve our freedom — no matter what the cost.

j-h-c-a 20 minutes $3.00

OUR TEACHER (C)

Illustrates that a teacher is both friend and helpmate to the pupil, that it is his job to explain, demonstrate, and impart knowledge to all the children in their classrooms. Points out how the children can best show their appreciation by a more cooperative attitude toward their instructor. Emphasis is placed on the pupils' self-reliance, alertness, friendliness and helpfulness, not only to their teacher, but to their classmates as well.

p 10 minutes $1.50

OUR TEACHER, MARY DEAN (F, Color)

Attempts to portray the joy a teacher feels in her work. Shows many school situations, many teaching methods, and portrays Mary's life outside of school. She marries, and enriches her own and her children's lives by her knowledge of teaching.

i-j 22 minutes $4.25

OUR TEETH (KB)

A comprehensive film treatise on the growth and structure of our teeth, placing particular emphasis on their organic vitality. Besides furnishing complete factual information about our teeth it gives reasons rather than methods for oral hygiene. It is excellent for physiology, hygiene and general health study.

i-j-h 11 minutes $1.50

OUR TOWN BUILDS AN AIRPORT (CAA, Color)

Relates the story of how an average community went about the task of building its own airport with the aid of funds and technical assistance provided under the terms of the Federal Airport Act.

h-c-a 36 minutes Handling charge, $1.00

OUR TOWN IS OUR CLASSROOM (UW)

Shows the teaching of pupils in school about the government of their town. Instead of learning from books, they sit in on the town's council meetings, court, and meetings between citizens and officials.

j-h-c-a 21 minutes $2.65

OUR TOWN IS THE WORLD (SF)

The story of friction between two groups in an average Canadian town reproduces, in miniature, the problems of national ill-will and rivalry facing the United Nations and illustrates the necessity for tolerance between individuals and countries.

"A general interest film. Particularly suited to Boy Scout, Girl Guide, C.G.I.T. and other teen-ager groups and to adult groups interested in furthering international and intercultural co-operation."

j-h-c-a 11 minutes $1.85

OUT OF A CHINESE PAINTING BRUSH (H, Color)

A famous Chinese artist shows how wonders can be performed with a painting brush.

j-h-c-a 11 minutes $3.00

OUT OF THE DARK (HISTORY OF ILLUMINATION) (EB)

Presents history of modern incandescent lights beginning with stone lamp, candles, etc. Also shown are the newest developments with the electrical discharge tube.

j-h-c-a 15 minutes $2.65

OUT OF THE DARKNESS
(TFC, Restricted to Classroom Use)

The story of the poorly printed, uncensored secret weekly newspaper, "Libre Belgique," in 1914, which whipped up the hostility of the people toward the German rule, is related in this film.

j-c 10 minutes $1.85

OUT OF THE DARKNESS (UW)

Focuses upon adult education in India, emphasizes the effects of illiteracy, and shows instances of increased interest in education through exhibits and the opening of night classes.

h-c-a 20 minutes $3.00

OUT OF THE DUST (BFC)

Pictures five stories of the heroism, tragedy, and soul-gratifying achievements attending the work of the Evangelical Churches in Mexico and Cuba.

h-c-a 44 minutes $10.00

OUT OF THE FRYING PAN INTO THE FIRING LINE (OWI, Color)

Through the use of two nationally known characters — Minnie Mouse and Pluto — this Disney film shows the wartime need for fats and greases and the steps to be taken by every housewife in salvaging these materials of war. As Minnie offers Pluto "some hot delicious grease," a radio voice breaks in saying, "Don't throw away that bacon grease." Pluto pouts but when the radio announcer explains that fats make glycerine and glycerine makes explosives, Pluto becomes convinced. Saluting a picture of Mickey in uniform, Pluto disdainfully refuses the bacon grease and follows the announcer's directions for straining, storing, and saving fats. Carrying a pound of grease to the meat dealer, Pluto collects his money in wieners and marches proudly down the street.

general 3 minutes Handling charge, $1.00

OUT OF THE HEART (USI, B&W or Color)

The heart-warming story of a boy and his dog is told in this color motion picture. Kindness, loyalty, patience, teamwork and other desirable character traits are often strengthened in humans by association with animals, and this is the observation that audiences will make from this picture. Rags, canine hero of the film, turns the tables on Billy, the human half of the featured cast, by teaching his master many important secrets of life, while Billy thinks he is teaching Rags.

i-j 11 minutes B&W $1.85,
Color $2.70

OUT OF THE NIGHT (PGM, Color)

Dramatizes the story of a young man who is weakened by economic pressure and cracks up under alcohol. He is rehabilitated by the mission and given the resource of religion as he seeks to rebuild his home and get started again vocationally.

h-a 30 minutes $5.20

OUT OF TRUE (IFB)

Through domestic strain, the mind of a young wife and mother temporarily gives way. After she attempts suicide she is taken — unwillingly at first — to a mental home where modern methods of analysis and treatment disclose the long-hidden cause of her trouble.

j-c-a 41 minutes $4.45

OUTBREAK (USDA, Color)

Presents the gripping story of hoof and mouth disease, the centuries-old plague of cloven-hoofed animals. Documents disease from its earliest history to the outbreaks in the U.S. and the recent Mexican outbreak.

h-c 33 minutes $5.20

OUTSIDE SCHOOL WALLS (NTLB)

Shows a junior high school class visiting the headquarters of the United Nations. Intends to show teachers the technique of conducting a field trip.

c-a 15 minutes $3.00

OVER THE RAINBOW (S)

This film, in a dramatic, interesting way shows farmers how to plan farms and farm homes for happier, more prosperous futures.

a 35 minutes Handling charge, $1.00

OVERCOMING FEAR (C)

Shows the values of courage in meeting problems in everyday living. Courage is presented as an attitude which can be developed and cowardice is shown to be a characteristic that is specific; i.e., a response in reference to one specific type of situation. How overcoming a specific fear can make a better all-around person is the lesson found here.

j-h-c-a 14 minutes $2.25

OVERCOMING WORRY (C)

We see the devastating effects of needless worry and then watch how this prevalent affliction is overcome. Will help audiences of all ages to examine their own worries more objectively and help them understand how to attack their problems effectively.

j-h-c-a 11 minutes $1.50

OVER-DEPENDENCY (NFBC)

Gives an informal case history of a "normal" neurotic — a young married man suffering from hypochondriacal tendencies. From discussions with a doctor, Jimmy is able to recognize a pattern of over-dependent behavior based upon his relationships with his mother, his sisters, and later his wife. He learns to regard these over-dependent tendencies as danger signals in his daily adult behavior, and at the end of of the film we see him on the way to becoming a more independent and mature person. See also: EMOTIONAL HEALTH, FEELING OF REJECTION, FEELING OF HOSTILITY.

c 32 minutes $4.00

OVERHEAD PROJECTOR (ISU)

Shows the fundamental purposes and use of the 10 x 10 inch overhead projector and the methods of producing transparencies for this equipment.

h-c-a 16 minutes $2.65

OVERSEAS RUN (CAA)

An interesting "behind-the-scenes" portrayal of TWA's European operations. Included are scenes depicting practically every phase of operation and activity performed by TWA personnel to assure its transatlantic passengers the ultimate in safety, comfort, and luxurious air transportation. Particularly impressive is the sequence which has the viewer meeting the pilot, following him to the "ready room" where the other members of his flight crew are introduced, observing how the crew prepares for flight, and then watching how they perform their several specialized duties aloft and enroute to the flight's destination.

j-h-c-a 28 minutes Handling charge, $1.00

OVERTURE TO LA TRAVIATA (UW)

An exciting mood of Verdi; the orchestra gives us the wistful sadness of La Traviata. Also shown is a fine ballet interpretation of one of Chopin's lively piano rhythms.

j-h-c 10 minutes $1.85

OWLS (ALF)

Shows, by means of the telescopic lens, the home life, habits and characteristics of the eagle owl, horned owl, sparrow owl and stone owl.

i-h 10 minutes $1.85

OXFORD STUDENT (McGH, Color)

The historic past, traditions, colleges, and life today at Oxford University. The small classes, tutorial supervision, and reliance on individual initiative are seen. Informal student activities are also shown.

h-c-a 12 minutes $4.25

OXIDATION AND REDUCTION (EB)

The simultaneous process of oxidation and reduction is presented first by burning phosphorus and rusting iron under experimental conditions. Mercury rust is then decomposed to discover the component of air responsible for oxidation. Other examples of oxidation and oxidizing agents follow. The process of reduction is strikingly presented in the operation of the blast furnace, magnesium burning in dry ice, and thermite welding. Everyday examples of oxidation and reduction conclude the picture.

j-h-c 11 minutes $1.50

OXY-ACETYLENE FLAME — MASTER OF METALS (USBM, Color)

Tells the story of oxy-acetylene welding and cutting, from the making of calcium carbide out of limestone and coke and the extraction of oxygen from the air, to the multitudinous uses in twentieth century industry. Besides explaining by animation how oxygen and acetylene are blended in the welding torch, and how an additional stream of pure oxygen is added in the cutting torch, the film demonstrates the speed of oxy-acetylene in each of its jobs. Capabilities of oxy-acetylene with various difficult jobs are demonstrated.

h-c-a 22 minutes Handling charge, $1.00

OXYGEN (C)

For introductory chemistry this surveys the properties and characteristics of oxygen and some of its more important compounds. The film assists pupils in acquiring knowledge of the preparation, properties, and uses of oxygen, and of its significance to man.

j-h 11 minutes $1.50

OXYGEN EQUIPMENT — SERVICING EQUIPMENT IN THE AIRPLANE (CAA)

Demonstrates how to replace and refill oxygen tanks used in different types of planes.

a 11 minutes Handling charge, $1.00

OXYGEN EQUIPMENT — SERVICING THE HIGH PRESSURE REMOVABLE CYLINDER (CAA)

Demonstrates how to refill oxygen tanks and the precautions necessary to prevent moisture and oil getting into the fittings.

a 10 minutes Handling charge, $1.00

OXYGEN EQUIPMENT — TYPES AND USE AT HIGH ALTITUDES (CAA)

Discusses the characteristics and operation of Air Force Oxygen Masks — A-7 Nasal, A-8 and A-8-A Oral Nasal, A-8-B Twin Turret, and A-10 Demand Type. Shows how to adjust and use each properly.

a 20 minutes Handling charge, $1.00

OYSTERS AND MUSCLES (UW)

Abbott and Costello in one of their famous routines with a bowl of oyster stew.

general 10 minutes $1.50

PACIFIC COAST, THE (FF)

Offered in this film are glimpses into such Pacific Coast industries as shipbuilding, aircraft production, lumber, oil, steel, synthetic rubber — and the climate and scenic beauty which have been credited with attracting an annual 500 million dollars worth of tourist trade to California alone.

j-h-c 18 minutes $2.65

PACIFIC: DISCOVERY AND DEVELOPMENT (EB, Color)

Portrays and explains by means of technicolor animation the role played by the Pacific Ocean in international affairs. Shows growth of man's knowledge of the Pacific through the voyages of the early explorers and later expansion of settlement in this area.

Traces the settlement of Pacific island and coastal areas by British, Russians, Germans, French, Dutch, and Americans and discusses the establishment of political control by these nations. Concludes with a review of the defeat of Japan's efforts to control the Pacific.

j-h-a 11 minutes $2.70

PACIFIC ISLAND (IFF)

Documents the life of the peoples of a typical coral island in the Pacific area, Likiep, one of the Marshall Islands group. One sees the inhabitants of the island practicing the art of navigation, building a boat, basket-weaving, caring for their thatched homes, conducting a fishing expedition, attending school, and at worship. Special high spots in the film are the catching of a giant clam under water by a highly skilled diver, boys hunting turtle eggs, and the exciting hunt and capture of a giant-size turtle. The final sequence permits the viewer to share a birthday feast with the islanders.

i-j-h-c-a 18 minutes $2.65

PACIFIC PROVINCES OF CANADA (EB)

Orients Pacific Canada with the remainder of the Dominion and the United States. It traces routes of discovery and exploration. Portrayed also is the settlement of the region, with emphasis on part played by climate and by transcontinental and ocean transportation. There are other sequences on fishing, lumbering, agriculture, mining, and smelting.

i-j-h 11 minutes $1.50

PACIFIC 231 (YA)

A symphony by Arthur Honegger, having as its theme a run by a French train, is interpreted visually on the screen as we go with the train through the French countryside. Magnificent blending of rushing drivers, spinning wheels, speeding ties, and rails. The film won the international cutting prize at Cannes in 1949.

general 10 minutes $1.85

PACKING AND MAINTENANCE OF PARACHUTES (B)

A companion film to "Parachutes for Safety" dealing with safe practices in packing and inspecting parachutes.

h-c-a 20 minutes $2.65

PADEREWSKI CONCERT (3 parts) (OF)

Ignace Paderewski is presented as in concerts, with shots of an audience registering admiration and appreciation. Includes closeups of the pianist's face and hands.

In reel 1 Chopin's "Polonaise"; Reel 2, Beethoven's "Moonlight Sonata" and Paderewski's "Minuet in G"; Reel 3, Liszt's "Second Hungarian Rhapsody."

j-h-a 10 minutes each $1.85 each reel

PAGANINI CAPRICES (AF)

The young violin virtuoso, Ruggiero Ricci, playing four delightful caprices by the master of the violin, Paganini.

h-c-a 11 minutes $1.85

PAGEANT OF PROGRESS (C, Color)

The development of plows and the progress of harvesting from flail to combine, as well as other advancements on the farm, are shown.

i-j-h-c-a 22 minutes $1.00

PAGLIACCI (GAF)

The leading role is played by Henry Hull. The solos are sung in English "off stage" while the actors depict their emotion in pantomime. The libretto was arranged by John Erskine.

j-h-c 10 minutes $1.85

PAINT AS YOU PLEASE (UMI, Color)

The development of a modern painting from the original pencil and charcoal sketch to the final rendering. Presents examples of art from the past and present representing the shift from a realistic portrayal of nature to interpretation by means of simple designs and patterns and finally to the non-objective types of painting. The preparatory stages of the final sketch having been completed, the design is transferred to a clean surface and the painting completed.

h-c-a 16 minutes $4.25

PAINTER AND POET SERIES: IN TIME OF PESTILENCE AND THE PYTHONESS (BIS)

IN TIME OF PESTILENCE Thomas Nashe did the writing, Robert Harris the narrating and the drawings were done by Michael Ayrton.

THE PYTHONESS written by Kathleen Raine, narrated by Mary Morris, drawings by Henry Moore.

j-h-c-a 6 minutes $1.85

PAINTER AND POET SERIES: JOHN GILPIN (BIS)

William Cowper was the writer, Cecil Trouncer the narrator, and Ronald Searle the drawer.

j-h-c-a 11 minutes $1.85

PAINTER AND POET SERIES: TWA CORBIES AND SPRING AND WINTER (BIS)

TWA CORBIES Pictures a traditional Scottish ballad narrated by John Laurie. Contains the drawings of Michael Rothenstein.

SPRING AND WINTER Written by William Shakespeare, sung by Peter Pears, and has drawings by Mervyn Peake.

j-h-c-a 9 minutes $1.85

PAINTER AND POET SERIES: WINTER GARDEN, SAILOR'S CONSOLATION AND CHECK TO SONG (BIS)

WINTER GARDEN David Gascoigne wrote "Winter Garden," Michael Redgrave narrates it, and the paintings are by Barbara Jones.

SAILOR'S CONSOLATION Thomas Dibden wrote it, Stanley Holloway narrates it, and the drawings were done by John Minton.

CHECK TO SONG It was written by Owen Meredith, narrated by Eric Portman, and the drawings were by Michael Warre.

j-h-c-a 6 minutes $1.85

PAINTER AND THE POINTER (UW)

Depicts what happens when Andy Panda can't get his dog to sit still while he paints its portrait.

general 8 minutes $1.85

PAINTERS OF QUEBEC (IFB, Color)

Included in this survey of French-Canadian art are: Suzor-Cote, Clarence Gagnon, Marc-Aurele Fortin, Jean Paul Lemieux, Alfred Pellan, Henri Masson and Andre Bieler.

h-c-a 18 minutes $4.25

PAINTING A CHINESE FIGURE (ATH, Color)

A famous Chinese artist shows how to paint a Chinese figure.

j-h-c-a 11 minutes $2.70

PAINTING AN ABSTRACTION (EB, Color)

An interesting portrayal of one form of contemporary painting as demonstrated by Eliot O'Hara, nationally known water colorist and art teacher. Provides a graphic step-by-step account of the painting in progress. Discloses the artist's thinking in establishing his purpose and selecting elements from nature to emphasize his purpose. Effectively contrasts the abstract painting of this film with the representational painting of the same scene as featured in the EB Film, Painting Reflections in Water.

h-c-a 11 minutes $2.70

PAINTING AND DECORATING (VGF)

Tools, skills and problems connected with interior and exterior painting and type of surface. Apprenticeship and job opportunities explained.

j-h-c 10 minutes $1.85

PAINTING AND TALKING (EVF, Color)

Evangelist Willard Cantelon paints a picture and delivers a sermon, using various scenes and pigments in the picture for similies in the sermon. Evangelist Lorne Fox plays an organ in the background. The sermon tells why and how to accept Christ as a personal Savior.

a 13 minutes $4.25

PAINTING: LEARNING TO MIX COLORS (YA, Color)

Demonstrates and explains the three primary colors as the source of the secondary colors and all their intermediate shades.

i-j-h-c-a 6 minutes $2.00

PAINTING: LEARNING TO USE YOUR BRUSH (YA)

Explains the simple materials required to start painting, and demonstrates the basic brush strokes used. Intended to stimulate and explain painting as a leisure-time activity.

i-h-c-a 10 minutes $1.85

PAINTING REFLECTIONS IN WATER (EB, Color)

Portrays watercolor techniques as used by a leading artist as he paints reflections in water. The artist is Eliot O'Hara, well-known water-colorist and art teacher. Photographed as if through the eye of the artist, the film enables students to follow each step closely from the position of the artist himself.

i-j-h-c 11 minutes $2.70

PAINTING: SOLID FORMS (YA)

Points out that solid objects have three dimensions — height, width and thickness — and then demonstrates how the painter gives roundness or thickness to the solid object he is painting.

i-j-h-c-a 11 minutes $1.85

PAINTING TREES WITH ELIOT O'HARA (EB, Color)

The artist demonstrates how to paint various types of trees by using a symbol for each type of tree — the trunks, foliage, and blossoms.

j-h-a 16 minutes $4.25

PAINTING WITH SAND: NAVAJO CEREMONY (EB, Color)

A Navajo medicine man makes a beautiful sand painting while a narrator explains the significance of the religious ceremony. A sick little boy is brought in, and the ceremony and prayers to the gods for his cure are performed.

j-h-a 11 minutes $2.70

PAKISTAN (EB, Color)

A geographers view of the young republic of Pakistan, a country of 70 million Mohammedans living on the crowded subcontinent of Asia.

j-h 11 minutes $2.70

PALESTINE (MOT)

Palestine is the story of that rugged country, today undergoing great agricultural and industrial change at the hands of some 570,000 Jews who are determined to mould it into a modern Jewish State. The film reveals not only the progress that has thus far been made toward modernization of the Holy Land, but also the problems to be solved and the obstacles to be surmounted before the Jewish people can achieve their objective.

j-h-e-a 16 minutes $2.25

PALMOUR STREET — A STUDY OF FAMILY LIFE (HPI)

Events in the daily life of the Negro families living on Palmour Street in Gainesville, Georgia, are shown to illustrate certain basic concepts on mental health as they relate to family life, and some of the basic ways in which parents influence the mental and emotional development of their children.

e-a 27 minutes $3.00

PALOMINO — THE GOLDEN HORSE (EB, Color)

The care and handling of the Palomino horse and the fundamentals of equestrian training.

i-j-h-e-a 11 minutes $2.70

PAN AMERICAN BAZAAR (OIAA, Color)

A film on the arts and crafts of the southern republics as elaborately displayed in an exhibition at the famous Macy department store in New York.

general 9 minutes $2.70

PAN AMERICANA (GAF)

Students in classroom write letters in Spanish and listen to radio programs from Cuba as part of good neighbor policy for better economical and cultural relations. Communications are described by following a letter to Mexico, a cablegram to Peru, and a telephone call to Ecuador. Products of these countries are discussed throughout.

h-e 11 minutes $1.85

PANAMA (RKO)

The story of the realization of a 400-year-old dream of mankind that began with Balboa when he gazed on the Pacific Ocean for the first time and culminated in a reality made possible by modern American engineering genius. This film narrates the interesting history of the Panama Canal and portrays the cosmopolitan atmosphere of modern Panama.

general 17 minutes $3.00

PANAMA: CROSSROADS OF THE WESTERN WORLD (C)

Panama long has been the crossroads for travel and trade between North and South America, and the Atlantic and Pacific Oceans. This film shows the life and surroundings of the people of this colorful little Republic.

i-j-h-e 11 minutes $1.50

PANAMA — NICARAGUA (PFI, Color)

Explains why these countries, in the "Panama Canal Region" are so important to us and to all civilization. Shows how the canal works, and tells why a second canal through Nicaragua is now a probability.

h-e-a 11 minutes $3.00

PANTRY PANIC (UW)

Woody Woodpecker stays north, instead of going south for the winter — and has an exciting run-in with a hungry cat.

general 8 minutes $1.50

PAPER (EB)

The interesting story of modern paper making, from the forest to finished sheets, are shown at a child's level of interest and understanding.

p-i 11 minutes $1.50

PAPER AND PULP MAKING (C)

Follows the methods involved in the conversion of wood to pulp and pulp into paper.

i 11 minutes $1.85

PAPER FORESTS (ASF)

It takes a year from the time a tree is felled until it becomes your morning newspaper. The production of paper pulp is traced through every phase — cutting trees, hauling them to rivers, coping with the spring thaw, driving the logs downstream to sorting bins, and finally arriving at the paper mill.

j-c-a 11 minutes $1.85

PAPER MAKING (C)

Starting with winter logging operations, logs are followed through conversion into pulp and paper.

i-j-h 20 minutes $2.65

PARACHUTES — ADJUSTMENT OF THE HARNESS (CAA)

Shows how the parachute harness is fitted to the individual and then sewed so that it will stay in adjustment.

a 12 minutes Handling charge, $1.00

PARACHUTES — CONSTRUCTION AND TYPES (CAA)

Gives an over-all survey of the use, manufacture, packing, and construction of parachutes. Shows five methods of attaching the parachute to the body.

h-c-a 10 minutes Handling charge, $1.00

PARACHUTES — FOLDING AND PACKING THE SERVICE SEAT PARACHUTES (CAA)

Gives the step-by-step procedure in servicing the service seat-type parachute; shows how to unpack and pack the chute.

a 16 minutes Handling charge, $1.00

PARACHUTES FOR SAFETY (CAA)

Shows the use, manufacture, inspection and maintenance of parachutes.

j-h-c-a 25 minutes Handling charge, $1.00

PARACHUTES — MAINTENANCE (CAA)

Demonstrates a routine inspection of parachutes, including the step-by-step procedure in making the various kinds of repairs; covers drop-testing, cleaning canopies, storage methods, and packing for shipment.

a 16 minutes Handling charge, $1.00

PARACHUTES — USE OF THE PARACHUTE (CAA)

Warns about keeping parachutes free of oil, grease, and the like; and demonstrates how to jump from a plane, how to land in trees and in water, and how to collapse the parachute after landing.

c-a 8 minutes Handling charge, $1.00

PARAGUAY (OIAA)

Film view of this hardy, independent people, their quebracho and mate industries and side lights on Indian influence.

j-h-c 20 minutes $2.65

PARALLEL LINES (JHP)

This is a geometry motivation film. It is intended to show the concept of parallel lines and transverse angle relationships. Presents specific instances of application of the laws of parallel lines and a review of the material presented.

j-h 11 minutes $1.85

PARAMECIUM (UW)

Excellent microphotography shows the growth, activity, and reproduction of the paramecium. Animation aids the presentation. The action of the cilia is shown, as well as rotation of the paramecium as it swims, action of the vacuoles, and conjugation.

j-h 10 minutes $1.85

PARASITIC PLANT: THE DODDER

See: **THE DODDER**

PARATROOPS (CAA)

An instructive presentation of the training of our parachute troops, including those trained as paraskitroops.

j-h-c 9 minutes Handling charge, $1.00

PARICUTIN VOLCANO (PF)

Locates San Juan and Paricutin, in Mexico, and relates the story of the earthquake which caused a new volcano to erupt. Explains the reasons for the eruption diagrammatically on cross-sectional charts of the earth's surface; then shows the effect of the lava eruption on the people and the town.

j-h-c 23 minutes $3.00

PARIS: CITY OF ART (SM)

Presents scenes inside the Louvre with its famous paintings and sculptures; views of Montmartre artists at work; and representative buildings and architecture such as Sacre Coeur, Notre Dame and the Pantheon.

j-h-c-a 11 minutes $1.85

PARIS: THE AGELESS CITY (YA)

Visits the Louvre, the Place de la Concord, Notre Dame, the Arc de Triomphe, the Seine and its bridges, and takes a trip in an elevator up the Eiffel Tower.

j-h-c-a 10 minutes $1.85

PARIS 1900 (BRF)

A rare and unusual film, made up mainly of newsreel shots, combined with an outstanding commentary by Monty Wooley, make this a magnificent documentary. All the great and near great personalities of the world at the turn of the Century are shown, set against the background of the gay, fabulous Paris of the era between 1900 and World War I.

general 76 minutes $10.00

PARKING THE CAR (FMC)

Part of Driver Education series. Intended primarily for use in high school driver education courses to supplement classroom study and on-the-road training. Other titles are: DRIVING ON THE HIGHWAY; DRIVING IN THE CITY; DRIVING UNDER ADVERSE CONDITIONS; DRIVING AT NIGHT; CARE OF THE CAR.

h 10 minutes $1.85

PARLIAMENTARY PROCEDURES (C)

Dropping in on a session of a well run high school club, we observe the proper procedures for seconding motions, amending motions, calling for a division of the house, rising to a point of order, tabling a motion, and all other commonly used parliamentary forms. We see parliamentary procedure, based on the democratic principle, upholding that principle in an orderly assembly.

i-j-h-c-a 14 minutes $2.65

PARLIAMENTARY PROCEDURES IN ACTION (C)

Demonstrates the proper procedure in a meeting of high school dramatics club showing the calling of the meeting to order, reading the minutes, proper order of business, reports of committees, and in handling motions, amendments to motions, and voting.

j-h-c-a 13 minutes $2.25

PARTIES ARE FUN (C)

Among students of the lower grades, parties often are social trials. Offers guidance in accepted standards for party behavior. Shows that parties can be fun and it gives an understanding of the work involved in planning and preparing for a party. Its outstanding classroom value comes as a basis for discussion and other language activities about parties.

p-i 11 minutes $1.50

PARTS OF NINE (YA)

Develops the meaning of the number 9 through experience situations and the use of concrete material involved in preparing for a birthday party.

p 11 minutes $1.50

PARTS OF THINGS (YA)

Develops the meanings of one-half and one-fourth of single things, as introduction to concept of fractions. Abstract objects are carefully explained in relation to real things.

p 11 minutes $1.85

PASSENGER TRAIN (EB)

Interprets a journey on a modern, streamlined, Diesel-electric-powered passenger train from a large city through a picturesque countryside. The duties of the ticket seller, gateman, baggageman, conductor, engineer, motor attendant, mail clerk, dining car cook, waiter, and pullman porter are depicted and commented upon. Right-of-way problems including tunnels and bridges are portrayed. Attention also is given to factors of comfort, safety, and efficiency in the train's operation.

p-i-j-h 11 minutes $1.50

PASSION FOR LIFE (BRF)

French dialogue with English titles. A feature drama.

c-a 1 hour 25 minutes $20.00

PASSPORT TO NOWHERE (RKO)

Deals with the displaced persons problem. It is one of the RKO-Pathe This is America series.

general 20 minutes $3.00

PATHS TO PALESTINE (AFC)

Scenes of the land and people of Palestine. The birthplace of the world's great religions provides sights of beauty for the viewer.

general 10 minutes $1.85

PATRICK HENRY OF VIRGINIA (USBE)

A first person narrative of Patrick Henry's life filmed in the places where he lived. Includes his early career as a lawyer and his famous "liberty or death" speech.

h-c-a 20 minutes $3.00

PATROLLING FOR SAFETY (FP)

Shows that success of school safety patrol program depends on cooperation of all interested agencies. Illustrates role school boards and local administrations take in organizing and carrying on work of patrols.

i-j 16 minutes $3.00

PATTERN FOR PEACE — CHARTER OF THE UNITED NATIONS (BIS)

Designed to bring about an understanding of the structure and purposes of the United Nations Organization. Careful analysis is made of the work of the General Assembly, the Security Council, and the various commissions designed to assist in the task of forging world peace.

j-h-c-a 15 minutes $2.25

PATTERN FOR SURVIVAL (COF, Color)

Describes the effective ways in which planned defense, aimed at individuals and groups, can counteract fear and panic in a community. A reporter and a narrator tell what can be done to minimize the effects of atomic attack.

c-a 20 minutes $4.25

PATTY GARMAN, LITTLE HELPER (F, Color)

Pictures a little six year old girl as she helps on her family's farm gathering eggs, feeding the goats and calves, etc.

p-i-j 11 minutes $3.25

PATTY LEARNS TO STOP, LOOK AND LISTEN (F, Color)

Shows the true happenings of the actual recovery of Patty Garman who in real life ran out on a crowded highway and was hit by a car.

Stresses child hospitalization and care, rather than safety, as it does not show whether the accident was Patty's fault or whether it was due to careless driving.

p-i-j 18 minutes $3.25

PAUL BUNYAN AND JOHNNY INKSLINGER (IMP)

An animated film using "Impcomation" — simple outline figures, designed to free the audience from distractions and permit complete concentration upon the story itself.

One of the tales of Paul Bunyan, the legendary giant lumberjack of the American north woods.

p 11 minutes $2.00

PAUL BUNYAN AND THE BLUE OX (C, B&W or Color)

A puppet film recreating the legend of how Paul Bunyan found "Babe, the Blue Ox," and put her to work.

p 6 minutes B&W $1.00,
Color $2.00

PAWNSHOP, THE (BRF)

Deals with Charlie Chaplin's encounters with another clerk, his waiting on some strange customers and his foiling of a robbery. It is the little incidents which make the picture so extraordinary.

general 22 minutes $3.00

PAY ATTENTION (NYU)

Education and personality problems faced by the child who is hard of hearing, but is not "deaf," suggesting some of the ways which parents, teachers and specialists can help. Selected pre-school, school age and high school children who are hard of hearing are followed through a variety of problems and remedial techniques. The use of context methods of teaching speech reading and early use of hearing aids where appropriate are stressed.

c-a 33 minutes $3.70

PEACE CAME TO AMERICA (OWI)

It's the end of the shooting war, but there are soldiers to be brought home, others to be healed, still others to be assisted with GI loans and educational aid.

general 10 minutes $1.50

PEARL HARBOR AND NORMANDIE (UW)

With ships burning and exploding, this is an authentic movie record of the attack that led to America's entry into the war. Destruction of the liner Normandie by fire is also shown.

11 minutes $1.85

PEAT AND COAL (EP)

Covers the mining and uses of peat. Also explains the formation of coal.

h-c-a 11 minutes $1.85

PEDDLER AND THE MONKEY (ACTING OUT STORIES) (C)

A teacher first reads the story and then the children in her class act the story out.

p-i 11 minutes $1.50

PEG LEG PETE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

PEG LEG THE PIRATE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

PEIPING FAMILY (BFS)

Presents the simple narrative of a middle class Chinese family — Dr. C. F. Wu, Mrs. Wu, their son, their daughters, Dr. Wu's parents and the family maid. Shows the struggle of an American-educated Chinese to provide for his large family. Observes the purchase and preparation of food and a family luncheon, the children at play and at school. Shows how through education China can realize her potentialities as a great nation.

h-a 21 minutes $3.00

PEKING — MARCO POLO'S WONDER (ATH, Color)

Shows scenes in the city which has been repeatedly chosen as the capital of China, including the Marco Polo Bridge, the Forbidden City, North Sea Park, the Temple of Heaven, the Summer Palace, etc.

j-h-c-a 10 minutes $2.70

PEN POINT PERCUSSION AND LOOPS (IFB, Partial Color)

An explanation of the principles and production of synthetic sound, showing Norman McLaren's experimentation with hand-drawn sounds on film.

c-a 9 minutes $1.75

PENMANSHIP IMPROVER (TAE)

Mrs. Maude Collins Genochio's method of developing skill in writing three simple strokes which make up more than 80 per cent of all handwriting is illustrated.

h-c-a 10 minutes $1.85

PENNY WISDOM (TFC, Color, Restricted to Classroom Use)

Prudence Penny brings order out of culinary chaos created by a nervous wife whose husband brings an unexpected guest home to dinner.

j-h 9 minutes $2.70

PEOPLE ALONG THE MISSISSIPPI (EB)

The region thru which the Mississippi River flows and the people who live there. Points up the physical geography of the region, portrays the work of the people living there, and emphasizes the heritages that these people brought to America from their former homelands.

j-h-c-a 22 minutes $2.65

PEOPLE OF CHILE (HFE, B&W or Color)

Gives an over-all concept of Chile in terms of her present-day people, the farmers and city workers, their social and home lives. It provides an excellent summary of the history of Chile's people, and shows the geographical peculiarities of this country which cause such extremes in wealth and poverty.

j-h-c 22 minutes B&W $1.85,
Color $3.00

PEOPLE OF HAWAII (EB)

Describes the setting of the Hawaiian Islands and provides an insight into the native economy. The dependence of the natives upon the sea and their immediate land environment for food; home and school life; sports and craftsmanship; and the preparation of a native feast make up the major sequences. Glimpses of mass production and harvesting of sugar cane and pineapples are also shown. A rendition of "Aloha" accompanies the concluding scene.

p-i-j-h 10 minutes $1.50

PEOPLE OF MEXICO (EB)

This picture presents a living account of the origin and development of the Mexican people, with emphasis on their dependence upon the land. It portrays the setting of a feast day in a small village, including ceremonies, dances, songs, and music.

i-j-h 11 minutes $1.50

PEOPLE OF NORWAY (BFS)

Story of the Norwegian people's daily activities of how they work, live, and play. Also are shown their schools, holidays, sports, industries, and agriculture.

j-h-e-a 14 minutes $2.65

PEOPLE OF OAXACA (IFI)

Tells of the isthmus people of Mexico who built the buildings of Mitis and Monte Alban, and of their progress in our modern world.

j-h-e-a 22 minutes $3.00

PEOPLE OF PERU (HFE)

Gives a comprehensive idea of what Peru is like today. It shows how advanced, and yet how primitive, the people of a single country can be, and how much their manner of living depends upon the geography of their country.

j-h-c 11 minutes $1.85

PEOPLE OF SABA (C)

A sketch of the life of a simple people who live on this volcanic island of the Netherlands West Indies in the Caribbean. Shows how, despite the backward technology of their ancestors, they enjoy the benefits of modern education, medicine, and government.

j-h 10 minutes $1.85

PEOPLE OF THE ARCTIC (KB)

The geography, the resources, the people and their manner of life in far northern Alaska, Labrador, Greenland and northeastern Siberia are shown. The film covers the whole circle of the Arctic Ocean.

i-j-h 11 minutes $1.85

PEOPLE OF THE CONGO (EB)

A study of the Mangbetu peoples living in tropical forest region of Africa. Emphasis on cleanliness in well-built, immaculate homes. Careful preparation of cooked meal, using fish, bananas, manioc root, sugar cane; clay cooking utensils made by hand. Head binding, native arts and crafts, sketching, design, wood carving, and construction of native musical instrument.

i-j-h-c 11 minutes $1.50

PEOPLE OF TWO WORLDS (UW, Color)

Shows the ancient Mayan ruins of Yucatan and Mayan Indians of today. Contrasts the two civilizations.

j-h-e-a 11 minutes $3.00

PEOPLE OF WESTERN CHINA (EB)

Reveals the influence of habits and customs of past centuries in the scene of present-day China. Methods of agriculture, irrigation, and the culture and wide use of bamboo are shown. Representative arts and crafts, methods of transportation, and engineering skills are depicted in their traditional settings and contrasted with modern technological developments.

i-j-h-e 10 minutes $1.50

PEOPLE WITHOUT FEAR, A (BFC)

Shows the activities of the foreign mission of a number of Protestant denominations in various parts of the world including Germany, Russia, the Near East, India, the Philippine Islands and Korea.

h-e-a 27 minutes $8.00

PEOPLE'S CHARTER (FON)

Stresses relationship of the United Nations to the people of the world. Shows the part they played in shaping the organization, and points out clearly the part the people of every country must play to make sure that its great purpose of world peace and security is achieved.

j-h-e 17 minutes $2.65

PEOPLES OF CANADA (IFB)

Canada is first presented as the early explorers saw it. Then come the first settlers, with the family of a French habitant portrayed. The natural resources of the new country are developed by Scots in Nova Scotia raising fine apples, fishermen from Normandy and Britany securing harvests from the Brand Banks. Lumbermen are in the woods; miners in the coal fields. An industrial Canada is built upon the enterprise of all these people that have come from all parts of Europe. Then the wide prairies are settled and the railroad pushes through to the Pacific where Vancouver rises into a great city as commerce increases.

j-h-c-a 20 minutes $3.00

PEOPLES OF THE SOVIET UNION (IFB)

This film, photographed by American cameramen, pictures the many racial groups which make up the Soviet Union. It begins with the people of Moscow and Leningrad and then, in quick succession, there follows pictures of the Karelians, the Armenians, the

Georgians, the Tartars, the Buryat-Mongolians, the Jews, the Ukranians, the Uzbeks, and others among the 100 different nationalities included in the 190,000,000 people comprising the Soviet Republics. We come to know these people of many races and how they fit into the pattern of life in the Soviet Union.

general 44 minutes $5.35

PEPPY THE PUPPY (C)

The story of two youngsters and their puppy. Through visual meaning, spoken word and printed word the vocabulary development is aided. Methods of care and responsibility for pets are stressed also.

p 10 minutes $1.50

PERCENT IN EVERYDAY LIFE (C)

Students learn how useful a working knowledge of percent can be to them. As they follow Bob's problems in figuring commissions, taxes, interest, and discount with general, rate, and base formulas, students at the intermediate and junior high levels will derive a new realization of the importance of percent.

i-j 10 minutes $1.50

PERCENTAGE (JHP)

Gives in animation the definition of percentage. Treats percentage as a special form of fractions and emphasizes its relationship to decimal and common fractions. Gives examples of two different types of problems.

i-j-h 11 minutes $1.50

PERCUSSION GROUP (EB)

The objective of this film is to familiarize pupils with all the commonly used percussion instruments. Thirteen are demonstrated: tympani, tom-tom, snare drum, bass drum, tambourine, cymbals, chimes, gong, castanets, triangle, bells, xylophone, and celesta. Demonstration literature includes excerpts from Tschaikowsky's "Nutcracker Suite," his "Fourth Symphony" and his "Marche Slav," Wagner's "Die Walküre," his "Tannhauser Overture," and Schubert's "Marche Militaire Number One." Full orchestral accompaniment is given each percussion demonstration.

i-j-h-c 11 minutes $1.50

PERFECT SACRIFICE, THE (SOU, Color)

An instructional film of the Roman Catholic Low Mass. The prayers in English are abridged and synchronized with the action.

j-h-a 24 minutes $4.25

PERFECT SETUP, THE (TFC, Restricted to Classroom Use)

An embittered youth, eager to "get rich quick," uses his talents illegally, involves himself in a serious crime, and finally commits murder.

h-c-a 22 minutes $3.00

PERFECT TRIBUTE (TFC, Restricted to Classroom Use)

A dramatization based on "The Perfect Tribute," a story by Mary Shipman Andrews.

We see Lincoln in a railroad coach, bringing him to Gettysburg for the dedication of the battlefield there. His simplicity and sense of humor are evident in several scenes with Stanton, who is traveling with him. He finally borrows a piece of wrapping paper to prepare his address. Across the aisle from him sits Edward Everett who is busy preparing an address to be delivered on the same occasion.

The next day, disappointed at the reception his address received, Lincoln goes for a walk, meets a small boy who is hurrying to get a lawyer for his brother, a wounded Confederate soldier lying in a near-by hospital. Lincoln offers to serve. The soldier, because of his bandages, cannot see Lincoln and talks to him about the president's Gettysburg address. Finally he asks him to read it to him from the daily paper. Lincoln recites it to him and the soldier is deeply moved. The small boy by now has recognized the president, who is happy over the soldier's opinion, acknowledging it as the "perfect tribute."

The presentation is vivid and effective. It clearly reveals the spirit of Lincoln and his attitude toward the South.

i-j-h 20 minutes $2.65

PERIODIC INSPECTION — AIRPLANE (CAA)

Emphasizes the importance and meaning of thoroughness in performing a periodic inspection, showing a complete detailed inspection of an aileron as an example. Shows briefly the inspection of other parts of the airplane and emphasizes that all parts must be as thoroughly inspected as the aileron.

h-a 17 minutes Handling charge, $1.00

PERIODIC INSPECTION — ENGINE (CAA)

Shows how to inspect the general condition of an engine; how to examine internal parts; how to check ignition and fuel system; how to examine the propeller; how to inspect for lightness, security, and proper safetying of all parts and how to prepare an engine for run-up.

h-a 23 minutes Handling charge, $1.00

PERISHABLE RUSH (OWI)

Dramatic film appeal made by Army Air Forces for good care provided our war wounded.

general 20 minutes $2.65

PERMANENT SOIL IMPROVEMENT (UI, Color)

The film, from the Permanent Soil Improvement Institute of the University of Illinois, shows how soils that have had their phosphate content depleted are poor soils. It discusses the need for phosphate in soils, and in the discussion, carries the viewer to the rock phosphate mines of Tennessee. There, it is seen how phosphate is mined, processed, and distributed to farmers throughout the country. The result of phosphate use on the Illinois soil experimental fields is shown in addition to how quality of corn and legumes is affected. Treated land in Iowa and Missouri is also presented.

c 10 minutes $2.70

PERSONAL CLEANLINESS (UW)

Animated cartoon in which "Mac Gillicuddy" refused to bathe and suffers the ignominy of being bathed in a native kettle.

h-c-a 5 minutes $1.85

PERSONAL HEALTH FOR GIRLS (C)

An attractive high school girl shows the daily cleanliness habits she follows — taking a morning shower, caring for her complexion and fingernails, brushing her teeth, washing her hair, wearing clean clothes, putting make-up on correctly, exercising in games, and eating a balanced diet. Designed only for girls.

j-h-c 11 minutes $1.50

PERSONAL HYGIENE FOR BOYS (C)

A high school boy learns hygiene habits necessary for good health and good social living. The stress of the film is upon cleanliness — how and why — with special emphasis on particular problems of adolescent boys, such as shaving and complexion. Designed only for boys.

j-h-c 11 minutes $1.50

PERSONAL QUALITIES FOR JOB SUCCESS (C)

By observing job interviews of several high school graduates, the personality requisites for job success are illustrated — such as initiative, good personal appearance, businesslike work habits, willingness to accept criticism, and the ability to get along with people.

h 11 minutes $1.50

PERSONALITY AND EMOTIONS (EB)

From the cradle to the grave we lead a life full of emotions. This film is designed as a study of personality and mental health. An overview of the development of emotions from infancy through early childhood, and it implies that emotional maturity is a desirable goal in the development of personality.

h-c-a 13 minutes $2.65

PERSONNEL DAMAGE CONTROL — ARTIFICIAL RESPIRATION (CAA, Color)

Demonstrates artificial respiration in counteracting the effects of drowning, asphyxiation, or electrical shock. Shows the prone position of the victim, and the position of the person practicing artificial respiration.

j-h-c-a 10 minutes Handling charge, $1.00

PERSONNEL DAMAGE CONTROL: HEAT EXHAUSTION, SUNSTROKE AND BURNS (UW)

Illustrates how to recognize and treat heat stroke and exhaustion, and 1st, 2nd, and 3rd degree burns.

h-c-a 11 minutes $1.50

PERSONNEL MANAGEMENT: COMMUNICATIONS (McGH)

Shows the need for effective communication in industry, not only in sales and production operations, but also in matters concerning the whole plant and its personnel.

h-c-a 17 minutes $3.00

PERSONNEL MANAGEMENT: EMPLOYMENT INTERVIEW (McGH)

The importance of the employment interview in getting the right man on the job.

h-c-a 14 minutes $3.00

PERSONNEL MANAGEMENT: GRIEVANCE HEARING (McGH)

A case study of a grievance, to show how hearings are conducted, what their purpose is, and how a willingness to compromise can settle most disputes.

h-c-a 17 minutes $3.00

PERSONNEL MANAGEMENT: JOB EVALUATION AND MERIT RATING (McGH)

Establishes the need for job evaluation, showing that the varying requirements for hundreds of different jobs must be compared in order to set up fair rates of pay.

h-c-a 16 minutes $3.00

PERSONNEL MANAGEMENT: SUPERVISORY CONFERENCES (McGH)

A dramatized, attitude-forming film designed to explain the purpose of training programs and to stimulate a favorable opinion toward them.

h-c-a 16 minutes $3.00

PERSPECTIVE DRAWING (UC)

Using a cube as a basic form, the film describes individually the one-point, two-point, and three-point perspective techniques.

j-h-c-a 8 minutes $1.85

PERU (EB)

Following a treatment of Lima, the modern capital, attention is focused on the ruins of pre-conquest civilizations. Present-day descendants of once-proud Indian peoples are then seen in their comparatively untouched village life, with its primitive agricultural methods, its handicrafts, and pastoral simplicity. The varied activities of a single family group receive the major emphasis throughout.

j-h-c 11 minutes $1.50

PERU (OIAA)

Produced by Julien Bryan; a study of the modern social and economic life of Peru. The attempt to meet some of the current problems of health, poverty, relations between races, and improvement of national economic conditions is shown.

j-h-c 20 minutes $1.50

PERUVIAN PLATEAU (HFE)

Reveals the interdependence of manufacturing and transportation, using as illustration, Peru, where this fact is reduced to its fundamentals. In addition, the film teaches a great deal of the geography of Peru and the social progress of its people.

j-h-c 11 minutes $1.50

PETE THE LAZY PELICAN (COFC)

Pete did not want to go out fishing in the natural pelican way. That was hard work and it meant flying out to sea and diving for fish. He preferred to depend on the handouts from the friendly people on the dock. However he learns his lesson when he almost chokes on a fish that is too big for him. We learn from Pete that even pelicans must work for a living and eat the right food. When they don't, trouble befalls them.

p-i-j 10 minutes $1.50

PETER COTTONTAIL (UW)

The song and cartoon of how Peter Cottontail always outsmarted the big bad wolf to keep the inhabitants of Rabbittown safe.

general 4 minutes $1.50

PETER IBBETSON
(TFC, Restricted to Classroom Use)

A school version of Paramount's feature picture of the same name.

j-h-c 40 minutes $5.00

PETROLEUM (EB)

Shows importance of petroleum to world technology, commerce and international affairs.

j-h-c 11 minutes $1.50

PETROLEUM AND ITS USES (USBM)

How petroleum products are used in the daily life of an average American family is shown in this film. Dozens of commercial uses of petroleum products, including the production of paraffin, dipping candles, coating paper bottles, insect sprays, fruit ripening with ethylene, medicine and cleaning fluid are all depicted in this film. Other scenes describe petroleum's role in such essentials as printing ink, airplane and automobile fuels, lubricants, Diesel oils, and plastics.

j-h 42 minutes Handling charge, $1.00

PHANTASY, A (NFBC, Color)

In a dream-like landscape, inanimate but familiar objects come to life to disport themselves in grave dances and playful ritual.

general 8 minutes $2.70

PHANTOMS INC.
(TFC, Restricted to Classroom Use)

Part of the "Crime Does Not Pay" series, exposes fake spiritualists and mediums. Gives a warning against confidence men, shows an example of how they work and the ruthlessness of their operations.

general 18 minutes $2.65

PHARMACIST (VGF)

Tells the work of the professional pharmacist, his work with drugs and chemicals which go into the compounding of medicines.

h-c 11 minutes $1.85

PHILIPPINE ISLANDS (EB)

Depicts the life and activities of the islands immediately preceding America's entry into the war.

i-j-h-c-a 15 minutes $2.65

PHILIPPINE REPUBLIC (MOT)

The film shows how, for 47 years following the Spanish-American war, the 7,083 islands comprising the Philippine archipelago were heavily dependent upon the U. S. for their economic life and health. Pictured comprehensively are the educational system and political composition of the islands. Especially significant is March of Time's sequence on the valiant role played by the Philippine people in the recent war — a sequence which underscores the character of the Filipino and explains why, for over three centuries, Filipinos have had a consuming ambition to govern themselves.

general 16 minutes $2.25

PHOTO FRENZY (RKO)

A photo report on America's number one hobby, its 20,000,000 screwball fans and the billion dollar business they've built.

general 18 minutes $2.65

PHOTOGRAPHER, THE (UW)

Life and work of Edward Weston and the cultural and artistic values of photography; subject selection, composition, and developing. Views of geographic features of California are also shown.

h-c-a 30 minutes $3.70

PHOTOGRAPHY (VGF)

Unusual shots made by news cameramen. Also shown are effects of varied exposure, tricks, angles, etc., to make an interesting film.

general 10 minutes $1.85

PHOTOGRAPHY FIGHTS (OWI)

How photography helped to win the war. Under enemy action, photographic crews are seen at work getting and scanning pictures to search for signs of enemy emplacements and evidence of his movements.

h-c 13 minutes $2.65

PHOTOSYNTHESIS (UW)

Shows carbon dioxide entering plant structure of a leaf and its conversion in chloroplasts to oxygen, which is eliminated. Carbon is built up into glucose with water from roots. The necessity for chlorophyll is shown and the process of glucose being changed to starch is illustrated.

j-h-c 14 minutes $3.00

PHYSICAL REHABILITATION (FO)

How handicapped people are taught to perform the duties of everyday living. Film deals with those handicapped by disease or accident. Immediate and long-range goals for each patient are set. Shows how these goals are achieved and how patients, step by step, advance from bed to wheel chair and crutch activity.

c-a 28 minutes $3.70

PHYSICAL TRAINING: WEST POINT WINNERS (RKO)

Physical training and sports at West Point.

j-h-c-a 15 minutes $2.65

PHYSICS DEMONSTRATIONS — SET 1 (McGH)

Leslie's Cube: Heat radiation of various substances.

Tyndall's Apparatus: Heat capacity of various substances.

Waves in a String: Relation of harmonies to string motion.

Electroscope, The: Detection of electric charges.

Electrolysis: Conduction of electricity through a liquid.

j-h Five reels 5 minutes each
Each reel $1.50

PHYSICS SERIES: THE GASOLINE ENGINE (OTTO CYCLE) (McGH)

Shows how the processes of combustion produce a working piston.

j-h 10 minutes $1.85

PHYSIOLOGY OF HIGH ALTITUDE FLYING (CAA)

Shows how an impairment of the faculties is caused by a lack of oxygen; demonstrates the use of several different types of high-altitude dress, and explains what happens in aeroembolism and anoxia.

h-c-a 35 minutes Handling charge, $1.00

PICNIC STEALERS, THE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

PICNIC THIEVES (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

PICTURE IN YOUR MIND (IFF, Color)

This film, made by the producers of BOUNDARY LINES, employs similar techniques. Animated drawings are accompanied by well-synchronized music to express the idea that the picture in your mind determines action. The question posed is, how can we live together on our congested earth? Man in his distant past encountered hunger, loneliness and danger and, when the tribes scattered, rites developed about the rhythm of work and play, cultural patterns were established, and differences began. Primal impulses not yet dead still modify the picture in one's mind and express themselves in action. The film states that the sum of all our actions will determine the future and that we have a choice as to whether that future is to be one of darkness or of light.

h-c-a 16 minutes $3.85

PICTURE OF BRITAIN (EB)

Illustrates a social and industrial impression of modern Britain and its people. It includes many phases of the British daily life.

j-h-c-a 22 minutes $3.00

PICTURESQUE DENMARK (FON, Color)

A comprehensive tour of Denmark with information regarding her geography, history, landmarks, government, and people.

j-h-a 20 minutes $4.25

PICTURESQUE PATZCUARO (UW, Color)

Pictures the villages around Lake Patzcuaro in Mexico: the market place, making of fish nets, the fishing village, arts, and traditional dance.

j-h-c-a 10 minutes $3.00

PICTURESQUE POLAND (EFLA)

Is an introduction to Poland, showing brief scenes of the nation at war, then turning to pre-conquest Poland as found in its peaceful countryside, in views of its people, streets, and buildings in busy, varied Warsaw and ancient Krakow. It turns then to the nearby monastery and its gardens, and finally to the rugged Carpathian mountains in the South, where folk customs, dancing and trades were still maintained.

j-h-c 10 minutes $1.85

PICTURESQUE SWEDEN (FON)

Contrasts the old and the new with scenes of Lapland, Dalecarlia, the walled town of Visby, Stockholm, etc.

j-h-c-a 20 minutes $3.00

PIG AND ITS RELATIVES (C)

Our well-known domestic pig has some odd, unexpected relatives: babirusa, wart hog, pigmy and large hippopotamus and the elephant.

p-i 10 minutes $1.85

PIG PROJECTS MAKE PROFITS (UDA, Color)

Is a story of pig club activities and the activities of young men in this phase of their life in agriculture. It is designed primarily for FFA and 4-H Club audiences.

j-h 11 minutes $2.70

PIG TALES (F)

Gives an over-all view of a pig farm. Covers items of diet, ringing, fencing, vaccination, stockyard marketing, stock shows, and "pig personality."

i-j 11 minutes $1.85

PIGS AND ELEPHANTS (C)

An excellent film to introduce foreign animals to the pupil through biological relationship between familiar domestic animals and the animals of other lands — the babirusa of the East Indies, the wart hog of Africa, and pigmy hippopotamus.

p-i 11 minutes $1.85

PIGSKIN CHAMPIONS
(TFC, Restricted to Classroom Use)

The Green Bay Packers demonstrate football techniques. Slow-motion photography is used extensively.

After setting-up exercises under the direction of Coach Lambeau, there is a sequence on kicking, during which a group of six punters simultaneously kick balls more than 60 yards into a prescribed area. A similar demonstration shows four men place kicking balls 50 yards. Slow-motion shots of routine plays including the forward pass, off-tackle play, place kick, double spinner, block kick, hidden ball play, a short pass, and a short, lateral pass are shown.

j-h-c 10 minutes $1.85

PILGRIM DAYS
(TFC, Restricted to Classroom Use)

Shots of historic monuments, buildings, and museum exhibits related to American Colonial history are here shown. The greater part of the picture is devoted to Plymouth, Jamestown, New York, and Baltimore.

i-j 11 minutes $1.85

PILGRIM FOREST (DL)

Shows the extensive state park systems in New England. Many of the scenic spots and the famous lakes of the states are shown. Included are magnificent views of the Green Mountains in Darling, Savoy, and Ascutney State Parks. The vigorous daily life in CCC Camps is depicted.

j-h-c 22 minutes $2.65

PILGRIMAGE THROUGH PALESTINE (FCI)

Presents a travelog of certain better-known portions of this historical country, the home of three great religions. Our travel begins with the Port of Haifa and ends in Jerusalem.

i-c 11 minutes $1.85

PILOT IS SAFE (CAA)

Shows how an R.A.F. man who "ditches" in the sea is saved by his rubber dinghy until he can be picked up by a rescue boat.

j-h-c 9 minutes Handling charge, $1.00

PIN MOLD (IFB)

Shows the life cycle of a typical fungus emphasizing its development as a growing organism. Time-lapse photography is used with careful mention of the actual time taken, and diagrams illustrate the formation of the resting spore. The following points are covered: mold growth on cheese, apple, and oatmeal; mucor; formation of sporanzia; single spore; time-lapse photography of protoplasmic activity; spore germination; plus and minus strains; that the hyphae of the same strain do not fuse; fusion of plus and minus strains and formation of zygospore with formation of sporangium; maintenance of mold by profusion of spores.

j-h-c-a 10 minutes $1.85

PINEAPPLE CULTURE (PHB, Color)

The story of pineapple, from the preparation of the soil to the harvest. Traces the pineapple thru its life cycle, stressing the scientific culture of superior families or clones. Shows the use of highly skilled labor and modern machine methods in every stage.

i-j-h-c-a 11 minutes $3.00

PINEWAYS TO PROFITS (USDA)

The old custom of burning the woods presents the most serious obstacle to forest management in the southern pine region. This film exposes the fallacy of this custom and shows benefits of good management of southern pine forests.

general 20 minutes $2.65

PINKERTON MAN (McGH)

The story of the Pinkerton National Detective Agency, including scenes which show how a highly trained and experienced private detective operates.

h-c-a 15 minutes $2.65

PIONEER HOME, A (C, B&W or Color)

What was a pioneer really like? How did pioneer people live? What part did children play in the everyday family life? These are some of the questions which are answered in this film. The physical surroundings and home furnishing, the hard work, the simple pleasures — all these facets of a pioneer family's life are presented here for students to see and appreciate.

p-i 10 minutes B&W $1.50, Color $2.70

PIONEERS OF THE PLAINS (EB)

This picture traces the experiences of a pioneer family in journeying from Illinois to a homestead on the midwestern plains. Sequences include: relationship with other settlers and cattlemen, plowing, collecting fuel, and contacts with a circuit-riding minister.

i-j-h 11 minutes $1.50

PIPELINE (SOC, Color)

Shows how an oil pipeline is built, including welding and wrapping operations, and the function of pumping stations.

j-h-c-a 17 minutes $1.50

PIRATE MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

PIRRO AND THE ALARM CLOCK (OF)

Pat Patterson introduces Pirro, the puppet, to the wonders of telling the difference between numbers and what they represent in the way of time. He then explains what makes the alarm go off (and frighten Pirro to "death").

p-i 10 minutes $1.65

PIRRO AND THE BLACKBOARD (OF)

Pirro learns to draw on the blackboard — and is fascinated by the mystery of erasing. Pat Patterson draws donkey and Pirro plays pinning tail on donkey. Includes a lesson in fair play and good sportsmanship. Pirro draws surprise picture at end.

p-i 11 minutes $1.65

PIRRO AND THE LAMP (OF)

Pirro, the puppet, learns that you need light to read by — discovers the lamp, Pat Patterson explains electricity and Pirro follows wire from the wall plug to the lamp and learns about switch and light bulb.

p-i 10 minutes $1.65

PIRRO AND THE MAGNET (OF)

Pirro is pulled to the magnet. First, he's frightened by its mysterious powers — then he learns how it works — and the wonderful magnet becomes a game.

p-i 11 minutes $1.65

PIRRO AND THE PHONOGRAPH (OF)

The record goes round and round and music comes out here! Pirro's first experience with a phonograph — his own sense of rhythm — and dancing feet.

p-i 10 minutes $1.65

PIRRO AND THE SCALE (OF)

Pirro can't quite understand what makes the scale work, so Pat Patterson explains about weight and balance. He demonstrates on a seesaw with Pirro on one end and various objects at other.

p-i 10 minutes $1.65

PIRRO AND THE TELEPHONE (OF)

Pirro learns about the phone book — the telephone — how to dial — telephone conversation — and makes a test call to the operator.

p-i 11 minutes $1.65

PIRRO AND THE THERMOMETER (OF)

Pirro learns how mercury climbing in tiny stick indicates everything but spring fever.

p-i 11 minutes $1.65

PITCHING STARS (IHSA)

Shows star baseball pitchers in action, showing their form and style of delivery. Many greats are included.

j-h 20 minutes $2.65

PLACER GOLD (AB)

During the gold rush of '49 only the simplest kinds of tools were used. Shown in this film are the gold pan method, the rocker or cradle method, the long Tom method, and the sluice box method. The narration brings out the importance of placer mining on California's history and the use of certain terms used by the early miners.

i-j-h 11 minutes $2.65

PLACING THE RIGHT MAN ON THE JOB (USOE)

Several workers who are misfits on the jobs they are doing are reassigned to different jobs resulting in happier workers and increased production.

h-c 11 minutes $1.85

PLAIN INDEXING AND CUTTING A SPUR GEAR (USOE)

The setup of a milling machine, the use of the dividing head, and the cutting of an eight pitch spur gear with twenty-six teeth is included in this film. Animation is used to explain various parts used and to show their operation.

h-c 26 minutes $3.00

PLANE IS BORN, A (CAA)

Depicts the cooperative effort of airplane manufacturers and the Civil Aeronautics Administration to assure safety of new types of aircraft. Follows the development of a new aircraft from early design stages to completion of the prototype. Includes scenes of some spectacular tests, such as catapulting of fuel tank, firing of bird carcass at windshield, engine fires.

h-c-a 19 minutes Handling charge, $1.00

PLANER AND SHAPER OPERATION (FP)

Explains the construction and operation of the clapper box on straight surfacing, on dovetailing and on under cutting, as in the case of a tee slot. It illustrates the various methods of clamping and holding work, and the principles involved. The proper sequence of operations to machine a rough casting is shown. The practical factors involved in the removal of the skin of a casting are explained.

h-c 10 minutes $1.85

PLANING ROUGH SURFACES TO DIMENSIONS (UW)

Adjusting the table for desired thickness; how to set feed rolls for proper speed; how to feed with the grain; and how to surface short pieces and glued stock.

h-a 17 minutes $1.50

PLANNING AND LAYING OUT WORK (USOE)

A number of dramatized incidents point up the importance of careful planning before starting a job. The serious results of poor planning or no planning at all are demonstrated.

h-c 10 minutes $1.85

PLANNING FOR SUCCESS (C)

Treats the intimate relationship of success to personal adjustment. "How can I succeed?" is the key question — and the answer lies in a well-defined, realistically established goal and effort that is soundly guided. An unusual film for any group interested in emotional and mental health.

j-h-c-a 11 minutes $1.50

PLANNING OUR FOREIGN POLICY (EB)

This film describes the procedure by which a working level committee concerned with the United States foreign policy in the Middle East analyzes the problems which it faces. Suggests some of the difficulties which are faced when attempting to a recommend a policy.

h-c-a 21 minutes $3.00

PLANNING THE MUSEUM FIELD TRIP (USC, Color)

The museum's educational director speaks directly to the fifth graders in this film designed to help all teachers and pupils get the most out of the museum field trip. The children draw up procedures that they will follow in the museum.

i-j-h-c-a 9 minutes $3.00

PLANNING YOUR CAREER (EB)

Helps students plan their career in three main steps: learning about themselves, about careers that interest them, and compare themselves to these requirements.

h 16 minutes $2.65

PLANT GROWTH (EB)

A remarkable presentation of the growth of the pea plant. It shows by time-lapse photography and microphotography the entire story from the time the seed first sends out its root and stalk until the ripened seeds are scattered. The processes of pollination and fertilization are vividly portrayed by means of photography and animation.

j-h-c 11 minutes $1.50

PLANT GROWTH AND MUTATION IN TRADESCANTIA (ATB)

Seven scenes of living cells from stamen hairs depict the complete cycle of nucleus and cell division.

h-c-a 11 minutes $1.85

PLANT ODDITIES (IFB, Color)

Plants that live on air, plants that eat insects, and plants with extra sensitive nervous systems. A sequence of dancing flowers was accomplished by controlling the light, temperature and moisture so that the interrupted growth and unusual motion thus obtained is in rhythm with a Strauss waltz.

i-j-h-c-a 10 minutes $3.00

PLANT SPEAKS THROUGH DEFICIENCY SYMPTOMS (API, Color)

Pictures soil depletion, erosion and the result of losses of plant food to crops. It shows the amounts of the three major plant foods removed by peach, tomato, sugar beet, tobacco, and corn crops and deficiency symptoms on many other major field and orchard crops. The tools scientific agriculturists have provided to determine the plant food requirements of crops are explained.

h-c 25 minutes Postage

PLANT SPEAKS THROUGH LEAF ANALYSIS (API, Color)

Is introduced with scenes of giant redwood forests and the redwood empire in California. This sequence is followed by illustrations of how important leaves are to the production of lumber. A comparison is drawn between this importance and the importance of the leaves of farm crops. The value of plant leaves in crop production is brought out. Methods of analyzing leaves in the laboratory to determine the amount of fertilizer crops require are shown.

h-c 18 minutes Postage

PLANT SPEAKS THROUGH SOIL TESTS (API, Color)

Why and how our soil resources must be guarded is depicted in this color film. It shows where and how to take soil samples on the farm and pictures the value of soil tests when interpreted by experienced soil chemists. The actual analysis of soils in various laboratories throughout the country is shown.

h-c 10 minutes Postage

PLANT SPEAKS THROUGH TISSUE TESTS (API, Color)

Laboratory and field tissue tests are described in this color film. It shows the value of tissue testing and the procedure for testing corn tissues in the field with the Purdue University field test kit. The tests are conducted by Dr. George D. Scarseth and his assistant, Mack Drake.

h-c 14 minutes Postage

PLANT SURVIVAL (UW)

Shows the protective devices used in various stages of plant growth by means of close-ups of roots, seeds, buds, leaves, and flowers. The defenses of flowers and leaves against damage by rain and animal are also seen.

j-h-c-a 10 minutes $1.85

PLANT TRAPS (EB)

Carnivorous plants have the unusual characteristic of entrapping and digesting insects and other small animals. The film shows how the pitcher plant lures insects to its trap, where they drown. The sun-dew, another carnivorous plant, is shown throughout its life cycle. The enfolding of insects by its leaf tentacles is presented very impressively by means of time-lapse photography.

j-h-c 11 minutes $1.85

PLANTATION IN PERU (HFE)

Concerns an aspect of Peru not generally known: the raising of sugar in an almost rainless desert, and the life of the plantation owner and worker whose labor gives Peru a valuable agricultural product.

j-h-c 11 minutes $1.85

PLANTATION SYSTEM IN SOUTHERN LIFE (C)

To understand social and economic patterns of the present is to see their counterparts of the past. Develops the term "plantation" in the broad sense of a cultural pattern, and shows how that pattern has had a deep and continuous influence on life in the South.

i-j-h-a 11 minutes $1.50

PLANTERS OF COLONIAL VIRGINIA (EB)

Recaptures representative phases of life in Colonial Virginia. In the course of a personalized and integrated story, the following are portrayed: the atmosphere and functions of the tobacco plantation; the significance of Williamsburg as the political and social center of the colony; the roles of the slave, indentured servant, and artisan; methods of manufacture and means of transportation; political and economic factors; practices in medicine and penology; and the costumes, architecture, social customs, and music of the period.

i-j-h-c 10 minutes $1.50

PLANTING OUR GARDEN (EB, Color)

This film portrays the activities of a family in planting a vegetable garden. We learn about the process of seed germination and development, and the conditions that various seeds must have in order to grow.

i-j 11 minutes $2.70

PLASTICS (YA)

Describes the use of plastics in war, in the home and industry.

j-h-c-a 16 minutes $2.65

PLAY BALL (McGH)

Shows the operation of a major-league baseball club, including the methods of recruiting talent, and includes sidelights on many well-known players.

i-j-h-c-a 14 minutes $2.65

PLAY BETTER GOLF (2 PARTS) (OF)

Fundamentals: Lloyd Mangrum, Sam Snead, Patty Berg and Jim Ferrier show the "know how" of the three fundamentals of good golf — correct grip, aim, and swing.

Advanced: The champions show applied techniques in overcoming hazards and obstacles likely to be encountered on the course — high grass, water hazards, tree blocks, and sand traps. Special attention is given to proper clubs, chip shots and putting.

h-c-a 10 minutes each part; $2.00 each part

PLAY CHAMPIONSHIP BASKETBALL (ASF)

Skillfully set-up demonstrations explain shooting, passing, dribbling, tapping, screening, blocking, use of arms and hands, defense on jump, guarding the shooter, infractions, drills, types of plays, and all major phases of court play. Basketball is translated into terms of fundamentals by the two-time national championship Oklahoma A & M team with All-American Bob Kurland and under the direction of coach Henry Iba.

j-h-c 62 minutes $7.50

PLAY IN THE SNOW (EB)

Activities of several children making a snow man, playing fox and geese, and coasting, healthily and wholesomely described.

p-i 11 minutes $1.50

PLAY SAFELY (PRP)

Intended to teach safety in playing, walking, and riding habits. Animated scenes of the character Dopey Dilldock getting into trouble are used to introduce each sequence of live action showing correct safety procedures.

p-i 10 minutes $1.85

PLAY VOLLEYBALL (ASF)

Full explanation of game. Slow motion and stop action photography are used to clarify the essentials of play.

i-j-h-c-a 20 minutes $3.00

PLAYGROUND SAFETY (C)

Is a motivational film, planned to improve playground behavior by implanting three basic rules of the playground: (1) Be sure the play space is safe; (2) keep out of the way of other players; and (3) learn how to play skillfully.

p-i-j 11 minutes $1.50

PLAYGROUNDS OF FRANCE (FON, Color)

Vacationing on the world-famous French Riviera. The cities of Cannes, Nice, and Monte Carlo are seen. Also shown is Brittany with its sardine fishermen, watching the religious processions. In the French Alps we see dawn breaking over Mont Blanc, Europe's highest mountain.

h-c-a 13 minutes $4.25

PLAYING TOGETHER (IFI)

Conveys the concepts that fair play is fun, that one should win or lose gallantly, that there must be respect for the rules of the game.

p-i 11 minutes $1.85

PLAYTOWN, U. S. A. (YMCA, Color)

A dramatized story of how all local public and voluntary agencies in a community can organize to promote community-wide, all-age, year-round recreation.

h-c 23 minutes $4.25

PLIERS AND SCREWDRIVERS (PTC)

Correct use of these tools as well as what not to do is shown.

j-h-c 15 minutes $2.65

PLUMB TOOL: CHISEL (PTC)

Uses and types of chisels (cold) and their construction. Also grinding methods and things to remember for safety and good use.

h-a 11 minutes $1.85

PLUMB TOOL: HAMMER (PTC)

Demonstrates the correct use of hard and soft hammers: claw, ball peen, cross peen, straight peen, sledge, plastic, rubber, wood, lead, brass, and rawhide.

h-c-a 10 minutes $1.85

PLUMBING (VGF)

Features and importance of the trade are illustrated. Apprenticeship explained.

j-h-c 10 minutes $1.85

PLUTO AND THE RABBITS (HFE, Color)

A Pluto cartoon.

p-i 10 minutes $2.00

PLUTO'S CONSCIENCE (HFE, Color)

A Pluto cartoon.

p-i 10 minutes $2.00

PLUTO GETS THE BIRD (HFE, Color)

A Pluto cartoon.

p-i 10 minutes $2.00

PLUTO SAVES THE DAY (HFE, Color)

A Pluto cartoon.

p-i 10 minutes $2.00

PLUTO THE DECOY (HFE, Color)

A Pluto cartoon.

p-i 10 minutes $2.00

PLUTO'S BETTER SELF (HFE, Color)

A Pluto cartoon.

p-i 10 minutes $2.00

PLUTO'S GOOD DEED (HFE, Color)

A Pluto cartoon.

p-i 10 minutes $2.00

PLUTO'S FISH STORY (HFE, Color)

A Pluto cartoon.

p-i 10 minutes $2.00

PLUTO'S SHOWER BATH (HFE, Color)

A Pluto cartoon.

p-i 10 minutes $2.00

PNEUMONIA (EB)

After directing attention to the mortality and preventative aspects of pneumonia deaths, this production traces the diagnosis and treatment of a typical pneumonia patient from the onset of infection to the time when the disease has been overcome. Both the drug and the serum treatments are demonstrated. Animated photography describes the appearance of infested lung tissues and the effect of serum.

j-h-c 11 minutes $1.50

PO RIVER VALLEY — ITALY (UW)

The broad fertile land of the Po Valley, protected from cold winds by the high mountains which surround it and provide it with abundant hydro-electric power, makes an ideal area for the homes of almost half of the Italian people. This film is a picturization of the development of many large cities and industries fostered by the abundance of cheap electric power and skilled labor. It also presents a delightful contrast in the analysis of daily life in the village of Rivolta d' Adda, a farming community. The religious nature of these Italian farmers is highlighted by showing how each phase of the waking hours of the people is marked by the tolling of the bells in the local church tower.

j-h-c 22 minutes $2.65

POCAHONTAS (COFC, Color)

A re-enactment of events in the life of the famous Indian maiden, daughter of King Powhatan of the Mattaponi tribe, including the story of how she saved the lives of the settlers at Jamestown. Emphasizes her belief that all men should live together in peace.

p-i-j-h-c-a 30 minutes $5.20

POEMS ARE FUN (C)

At a class party, elementary students compose a poem. Stresses the ease with which poems may be written, and the fact that poetry helps onc see old things in a new way.

i 10 minutes $1.50

POLAND (IFF)

Among the scenes are Warsaw, the capital — government buildings and characteristic street scenes, shops, transportation, parks, the market place, new housing projects, the sharply contrasting old and new architectural styles. We see the Jewish district and its customs — streets, stores, and students. Also a typically individually owned small farm and its peasant proprietor. Other sequences show peasant home life, customs, mealtime, weaving, a kindergarten and primary grade, handicraft, wood carving and sculpture. Filmed in 1938.

j-h-c 15 minutes $2.65

POLAND FOREVER (FI)

This is a message from the youth of Poland, who are fighting for the liberty of their nation. It is the story of a nation both young and old — old in tradition of courtesy to man and reverence for God, and young in heroic dedication to the building of a new state. The film traces the history of Poland from the 15th Century to the present and outlines events leading up to the invasion. There are some vivid shots of a war ravaged people — people left in misery and desolation, forlorn and homeless, crushed in all but spirit.

h-c 22 minutes $2.65

POLE VAULT (C)

Preparation of pole, length of run, approach, push-up and final turn are clearly demonstrated.

j-h-c 11 minutes $1.85

POLICEMAN, THE (EB)

Describes the function of police officers in general and follows a typical city patrolman through one of his regular shifts of duty. In due course, the use of motorcycles and patrol cars with two-way radio communication is demonstrated and explained. Lessons in pedestrian and vehicular traffic safety are developed, along with the role of the policeman in rescue work and the apprehension of a speeding driver.

i-j-h-c 10 minutes $1.50

POLICING GERMANY (McGH)

With the city of Cologne as an example it shows what is being done in every city and town after the war in defeated Germany. It's an historical record of the problems of the aftermath of war for both the conquered and the conquering.

c-a 18 minutes $2.65

POLITICAL PARTIES (C)

A conceptual film, designed to show the relationship of political parties to the individual, and to show that the institution of parties is dependent upon popular approval. The work of party mechanics is illustrated, and the way parties keep good will.

i-j-h-c 11 minutes $1.50

POLITICAL PARTIES (EB)

Emphasizes that political parties provide the means by which citizens act together to choose men for public office and to further programs representing their interests. Explains how political parties operate. Points out that parties are as important when they are in the opposition as when they are exercising power. Stresses that political parties can exist only where citizens are free to express their opinions and take action on them.

h-c-a 20 minutes $2.65

POLITICS AND ELECTIONS (PRP)

The story of how the American political system works out in actual practice: How political organizations by-pass the laws governing expenditures in election campaigns, how party workers canvass their precincts and get out the vote, and how ballot boxes arc sometimes "stuffed." Also shows many things private citizens can do to prevent election frauds and make sure our democracy works as it was intended.

j-h-c-a 20 minutes $3.00

POLL AND JIMMY IN WONDERLAND (COFC)

The story of Jimmy, a little boy of about ten, who has a wonderful place which he wanders off to now and then. It is a parrot paradise where he has many friends.

p-i-j 10 minutes $1.85

POLYGONS (KB)

Opens by showing real life polygons. The definition of polygon and the ideas of convex and concave are clarified by animation. The inscribed circle and the circumscribed circle of a regular polygon are described. The sum of the interior angles theorem and the sum of the exterior angles theorem are covered in detail.

h-c 12 minutes $1.85

POMPEII AND VESUVIUS (EB, Color)

Portrays an actual eruption of Mt. Vesuvius and the ruins of the city of Pompeii. Recalls the eruption of 79 A. D. and depicts the current scene in Pompeii and environs. Shows life in present-day Naples and Sorrento as it is carried on within the very shadow of the still active and ominous Mountain.

j-h-a 11 minutes $2.70

POND INSECTS (EB)

Presents the diving water beetle, the mayfly, and the dragonfly, as representative of this group of insects. Their life cycles are portrayed, as well as their food habits and struggle for existence. Among the events shown are the method by which the diving beetle lays its egg; a water beetle larva attacking a large tadpole; the mayfly molting after acquiring wings; the mayfly hiding from its enemies; and the remarkable mask of the dragonfly nymph.

i-j-h-c 11 minutes $1.50

POND LIFE (EB)

Shows a pond as an organized community in which plants are dependent upon each other and points up conditions which are necessary for life in a pond. Portrays representative animals living at various levels of the water and explains why they live at those levels.

p-i 10 minutes $1.50

PONY EXPRESS (AB)

This is a story of how the letters of 1860 were dispatched across the western frontier by horse relays and couriers. A letter is followed from the time it is mailed in a general store post-office and franked with the running horse seal until it reaches California 10 days later and is delivered to a miner at Sacramento. Close-ups of the steps and tools used in this service afford an understanding of the mochila, cantina, and saddle of Pony Express days.

i-j 11 minutes $1.50

POOL AND BILLIARDS: Q-MEN (RKO)

Pool and billiard champions, Willie Hoppe, Charlie Peterson, Irving Crane.

j-h-c-a 15 minutes $2.65

POP RINGS THE BELL (NSS)

Shows how the technological developments of the war, and the approach of the air age make increasing demands upon the schools of the nation. Primarily directed to the American taxpayer.

a 23 minutes $3.70

PORK ON THE FARM (USDA)

Hog killing time in Georgia! Luscious sugar ham, fine chops, and crisp bacon tantalize us in the opening scenes of the film. With this beginning the film introduces us into the best methods of killing and curing pork on the farm. First the hog is killed, skinned, cleaned, and finally cut in half in preparation for making the final cuts of meat. The cutting of the hog by an excellent demonstrator shows the exact nature of the cuts of meat. Several scenes show how the government has assisted the hog producers by teaching them how to butcher their own hogs. Various curing methods are also shown.

j-h-c 20 minutes $2.65

PORT OF NEW YORK (McGH)

Shows the shipping activities on New York City's waterfront. Includes the inspection of ships, policing of the harbor, how boats are berthed, the many products which pass thru the port, etc.

j-h-a 16 minutes $3.00

PORTAGE (IFB, Color)

Authentic record of the Indian trapper, and explorer, and the craft of canoe building.

i-j-h-c-a 21 minutes $4.25

PORTRAIT OF A COUNTY (PSC, Color)

Depicts a county as a unit of government, using Montgomery County, Pennsylvania as an example. Intended to inspire in citizens an appreciation of the physical, historical, and political heritage of the county in which they live.

h-c-a 20 minutes $4.25

PORTS OF INDUSTRIAL SCANDINAVIA — SWEDEN'S EAST COAST (UW)

This film shows us that these people of one of the earth's most northern countries live well because abundant water power helps them to make good use of their forests, minerals and farm lands. By following an icebreaker merchant vessel along Sweden's east coast, we observe the products at several industrial port cities. We see several of the industries which are based on Sweden's most important natural resources — hydroelectric power, iron and lumber. Life in old and new Stockholm is contrasted. At a department store examples of the craftsmanship of Sweden's potters and glassmakers are studied. Finally, we accompany the first mate of the merchant vessel to his home in one of Sweden's cooperative apartments and observe the members of his family going about their household tasks.

j-h-c 22 minutes $2.65

PORTUGAL (MOT)

The status of education, labor, and industry in this country whose future role among the nations of the world is still undetermined is shown with objectivity in this film.

j-h-c 12 minutes $3.00

PORTUGAL (IFI, Color)

Surveys the life and work of the people.

j-h-c-a 10 minutes $3.00

POSTER MAKING: DESIGN AND TECHNIQUE (BFS, Color)

Poster layout, lettering, tracing, cutting, transfer, stenciling, and painting are manually demonstrated. The importance of correct techniques in the use of various brushes is cited. Color contrast, layout, lettering, measurement, and spacing are stressed.

j-h-c-a 10 minutes $3.00

POSTER MAKING: PRINTING BY SILK SCREEN (BAS, Color)

Methods of making a better poster through use of the silk screen process. Increases publicity value of your posters and gives them a more professional appearance.

h-c-a 15 minutes $4.25

POSTURE AND EXERCISE (EB)

Describes and explains muscle activity and physiology of exercise. The various concepts presented include the relation of the nervous system to the skeletal muscles; motor units of work; muscle tonus in relation to posture; development of endurance; and peripheral circulation as it is related to general physical efficiency.

j-h-c 11 minutes $1.50

POSTURE HABITS (C)

Makes the child posture-conscious and motivates development of good posture habits during the formative years. Treats standing, walking, and sitting postures.

i-j 11 minutes $1.50

POTASH PRODUCTION IN AMERICA (API, Color)

Shows the location and formation of deposits, the mining, and refining of potash in California and New Mexico.

h-c-a 40 minutes Postage

POTATOES UNLIMITED (UPRR, Color)

Contains practical ideas on growing and handling potatoes.

j-h-c-a 30 minutes $1.00

POTTERY MAKING (EB)

Shows a professional potter at work mixing clay preparatory to centering it on a wheel, shaping, trimming, and preparing it for firing. An Indian bowl is constructed by the ancient method of building up and shaping coils of clay, on which a primitive design is later added. The use of a plaster cast in the molding of duplicate pieces is demonstrated. The art of making angular shaped pottery by cementing together slab pieces likewise is shown, along with methods of decorating and firing. Techniques of applying glazing slip by dipping, brushing, spraying, and pouring are treated.

j-h-c 11 minutes $1.50

POULTRY — A BILLION DOLLAR INDUSTRY (USDA)

The magnitude of the poultry industry and how it is conducted are shown in this film. Scenes include poultry farms, hatcheries, poultry dressing and handling of poultry products.

general 30 minutes $3.70

POULTRY ON THE FARM (EB)

Treats the appearance and habits of adult and young chickens, ducks, geese, and turkeys. Chickens are shown roosting, drinking, and feeding. The gathering of eggs, the brooder house, and the incubation of eggs are depicted, along with scenes of a chick embryo, chicks hatching, young ducklings swimming and feeding, and families of geese and turkeys in characteristic situations. Natural sounds of the poultry are reproduced.

p-i 11 minutes $1.50

POULTRY RAISING (VGF)

Problems and responsibilities of this business enterprise described for vocational purposes.

j-h-c 10 minutes $1.85

POUND OF FLESH (UNF)

Dr. Bob Jones, Jr., preaches a sermon and portrays Shylock in the courtroom scene from "The Merchant of Venice."

a 30 minutes $4.85

POWER (JH)

Shows how energy is harnessed in the modern gasoline engine and automobile. Before our eyes in animated pictures and cutaways we see the four-stroke cycle internal combustion engine going through its complete stroke cycle — intake — compression — power — exhaust.

We see how only the power stroke drives the car forward. And we are shown why the flywheel is necessary to keep the piston moving for the other three strokes. Made clear is the need for four or more cylinders in making power flow smoothly.

The explosion of the gasoline air mixture in the cylinder is shown forcing the connecting rod down to turn the crankshaft. We see this force travel through the transmission, along the propeller shaft, through the differential and rear axle and we see it turn the wheels. In short, we are shown power at work.

j-h-c 9 minutes $1.85

POWER AND THE LAND (RKO)

In 1939 the Rural Electrification Administration produced one of the government's most notable documentary films. The film deals with the economic and social significance of rural electrification.

h-c 45 minutes $4.45

POWER OF PLANTS (AL)

By means of time-lapse photography, the physical power of plants is shown in their indomitable effort to reach the sun and fulfill their growth. How they overcome such obstacles as rocks, covered glass jars, multiple layers of tin foil, and heavy weights is demonstrated.

j-h-c-a 11 minutes $1.85

POWER OF THE BLOOD (COB, Color)

A cartoon attempts to explain God's plan of salvation through the shedding of blood, as revealed in the Bible, starting with the Garden of Eden and ending with Jesus Christ.

h-a 30 minutes $9.85

POWER UNLIMITED (McGH)

Presents the value of coal to the people of America. It is the story of the transformation of coal into products that have brought an enriched life to everyone. The men who produce the coal; transportation to the mills, factories and foundries; the conversion into coke for iron and steel; the part coal and coal miners played in the winning of the war, and the various by products such as drugs, dyes, cosmetics, perfumes, plastics and nylon are all pictured.

j-h-a 17 minutes $3.00

POWER WITHIN, THE (USBM)

The development of a suitable fuel for use in Internal Combustion Engines and the operation of these engines are among the highlights of the film produced by the Bureau of Mines. Animated drawings illustrate the operation of the four-stroke cycle of an automobile engine cylinder, comparing the strokes of the engine using gasoline with the loading, ramming, firing and clearing of a cannon using gun powder. Research in connection with problems on fuel is also shown in this thorough film.

j-h-c 19 minutes Handling charge, $1.00

POWERS OF CONGRESS (C)

A fantasy is employed in this film to define and explain the powers of Congress.

i-j-h-c 11 minutes $1.50

PRACTICE MAKES PERFECT DRIVERS (GM)

Part of Driver Education series. Other titles are: YOUR PERMIT TO DRIVE (11 min.); DRIVING ECONOMICALLY (17 min.); Filmstrips are: CONTROLLING THE CAR; DRIVER FITNESS AND ATTITUDE; DRIVING STRAIGHT AHEAD; IN CASE OF ACCIDENT; INTERSECTION CONTROLS; PARKING; PREVENTIVE MAINTENANCE; ROAD EMERGENCIES; SPEED CONTROL; STARTING THE CAR; SWITCHES, INSTRUMENTS AND CONTROLS; and TURNING.

h 11 minutes $1.00

PRACTICING DEMOMCRACY IN THE CLASSROOM (EB)

A teacher, fellow members of his faculty, some parents, and students work out a satisfactory approach to the problem of teaching a course in American history by using methods that give students a chance to develop the knowledge, skills, and attitudes of a desirable citizen of a democracy.

j-c-a 22 minutes $3.00

PRAIRIE, THE (AB, Color)

Depicts the physical environment of the North American prairie region, relation of this region to man, and the kind of crops and livestock raised there.

j-h-c-a 22 minutes $4.25

PRAIRIE PROVINCES OF CANADA (EB)

Orients the prairie provinces of Manitoba, Alberta, and Saskatchewan as part of the Dominion of Canada, and in relation to the United States. It includes the northwest territories. The major sequence is concerned with grain growing, tracing the steps from planting to milling. Other sequences included are on people, agriculture, furs, transportation, mining, and commerce.

i-j-h 11 minutes $1.50

PRAYING MANTIS, THE (HFE)

An amazingly intimate study of one of nature's most interesting insects, the "Praying Mantis." Detailed micro-cinematography is used throughout this film, recording the various stages of this insect's exciting existence.

j-h-c 11 minutes $1.85

PREAMBLE TO PEACE (UW)

Stresses the importance of the Army to present-day America. Shows scenes of army training and of research and development programs.

h-c-a 10 minutes $1.85

PRECISION BASKETBALL (IHSA)

The film opens with the manufacture of the precision basketball. An authority on the technicalities of basketball explains the rules of play by illustrating the various plays.

j-h-c 20 minutes $4.00

PRECISION GAGE BLOCKS (USOE)

Shows how to calculate a stack of gage blocks; how to clean and assemble blocks; and various uses of gage blocks.

h-c 18 minutes $3.00

PRECISION INVESTMENT CASTING (ACH, Color)

Portrays and explains various steps involved in this recently developed metal-forming process. Illustrates each production step from manufacture of wax injection die to final cleaning of castings.

h-c-a 12 minutes $3.85

PRECISION LAYOUT AND MEASURING (FP)

The picture starts by explaining layout and dimensioning. Among other things, it explains the basic methods of precision layout. Precision measuring instruments are broken down into their five basic principles; the micrometer screw, the multiplying lever, the vernier scale, the contact gauge, and optical magnification. Each of these principles is clearly explained and different examples of each are shown. The measurement of angles by protractor, dividing head, and sine bar is shown.

h-c 11 minutes $1.85

PRECISION WOOD MACHINING SERIES — OPERATIONS ON THE JOINTER — JOINTING AN EDGE FOR GLUING: INSTALLING KNIVES (UW)

Shows how to determine when knives are dull; remove dull knives; install sharp knives on the cutter head and adjust them for proper cutting; straighten set fence for bevel cutting; adjust the proper amount of cut; cut chamfer; set the infeed and outfeed tables and stop blocks; and cut tapers.

h-c-a 21 minutes $2.65

PREFACE TO A LIFE (UW)

Depicts the critical years in a child's life. Shows how his developing personality is affected by the attitudes and actions of his family, friends and neighbors.

a 29 minutes $2.25

PREFACE TO CHEMISTRY (EB, Color)

Provides a brief description of our chemical heritage including the work of Priestley and Lavoisier. Introduces three basic areas of chemistry — inorganic, organic and physical — and shows how these lead to applications that are widely beneficial. Portrays experiments concerning chemical change, electrolysis, conductivity, and analysis. Describes how the work of modern chemists contribute to a higher standard of living.

j-h 18 minutes $4.25

PREFACE TO PHYSICS (EB)

This exciting series of experiments in physics offers interesting insights into the fields of mechanics, heat, sound, light and electricity. Designed especially to review some of the important elements of physics — it stimulates beginners to greater interest in this subject area. Historical settings, animated drawings and modern laboratory invest this film with an exceptional degree of impact.

h-c 30 minutes $3.70

PREFLIGHT INSPECTION — AIRPLANE (CAA)

Shows the necessity for careful and thorough inspection; how to use the "Circle Method" to give a complete and systematic inspection; and how each part — landing gear, wings, fuselage, tail surfaces, cabin, controls, instruments — is inspected.

h-c-a 17 minutes Handling charge, $1.00

PREFLIGHT INSPECTION — ENGINE (CAA)

Shows the importance of continuous preventive maintenance in keeping an aircraft engine air-worthy; and the need for safe working habits during inspection; how to inspect systematically the engine, propeller blades and hub, cowling, controls, ignition system, and fuel system; how to conduct an engine run-up; and the inspector's responsibility in signing the preflight inspection form.

h-c-a 13 minutes Handling charge, $1.00

PREHISTORIC TIMES: THE WORLD BEFORE MAN (C, B&W or Color)

Each of the five great geological eras is presented according to its most important geological and biological developments.

i-j-h 10 minutes B&W $1.50, Color $2.70

PRELUDE TO WAR (OWI)

This introductory film to the "Why We Fight" series explains in graphic and persuasive style the events leading up to our entry into the war and why we entered the conflict.

h-c 54 minutes $5.00

PRENATAL CARE (MF)

Diagrams show the female organs and the changes that take place during pregnancy. Emphasizes the fact that the prospective mother should work with the doctor and her husband in planning exercise, diet, and clothing. Diagrams show the development of the embryo, with emphasis on the weight gain during the last three months.

h-c-a 13 minutes $3.00

PREPARATION AND USE OF HUMAN PLASMA (UW, Color)

How whole blood is prepared and sent to the processing plant where the plasma and red corpuscles are separated, pooled, and packed for shipment to combat areas is shown. Pictures a hospital corpsman administering blood plasma to a wounded marine.

h-c-a 34 minutes $10.00

PREPARATION OF AIRCRAFT ENGINES FOR STORAGE — PRESERVATION (CAA)

Demonstrates the packing of a Pratt and Whitney 1830 engine in a sealing envelope and then crating it for storage.

a 25 minutes Handling charge, $1.00

PREPARATION OF AIRCRAFT ENGINES FOR STORAGE — RETREATMENT AND PREPARATION FOR SERVICE (CAA)

Shows the checking of engines in storage, the removal of an engine from crate and envelope, and the procedure to follow in preparing the engine for service; shows the re-preserving process.

a 13 minutes Handling charge, $1.00

PREPARATION OF TEACHERS (UW)

Teacher education at Ball State Teachers College, Muncie, Indiana. How to understand children, provide for individual pupil differences, and develop desirable personality traits in teachers, etc.

h-c-a 20 minutes $3.00

PREPARING A CUPOLA FOR CHARGING (UW)

Explains how to recognize the end of a heat; the procedures for dropping bottom; and the procedures for preparing a cupola for its next heat.

h-c-a 21 minutes $2.85

PREPARING TO USE A FILM (SBC)

Intended to show the importance and method of preparing to use a film in the various phases of a church program. The leader who has ordered the film demonstrates the routine preparation for using the film the following Sunday. The preview, integrating the film with the other curriculum material, preparing the room, setting up the equipment, and other important steps in preparation are presented.

h-c-a 12 minutes $3.00

PRESENT FOR SANTA CLAUS (ICS)

Two children decide to buy Santa Claus a Christmas present.

p-i-j 10 minutes $2.50
(one day only)

PRESERVING FOOD (C)

Whether it's for a day or for a year, the rules for preserving food are the same — care, cleanliness, and control of moisture and temperature. This home economics film teaches the knowledge and skills necessary to preserve our food. It shows the nature and effect of molds, yeast, bacteria, and enzymes in relation to food spoilage. The reasons behind short-term and long-term methods of food preservation are given, and each method explained.

j-h-c 10 minutes $1.50

PRESIDENCY, THE (MOT)

The present position of the presidency is traced from the constitutional beginning of the office, through the development of the implied powers to the unique status of the presidency today. Relates the presidency to the men who have held the office and to the events that have shaped their conduct.

h-c-a 11 minutes $1.50

PRESIDENT, THE (SSR)

The major historical events in which the present power and influence of the President of the United States and the entire executive was established. Surveys the scope and responsibilities of the Chief Executive of today. We see how the office has grown from the action of strong presidents in the times of crisis.

j-h-c-a 19 minutes $3.00

PRESIDENTIAL ELECTIONS (EB)

Describes the process of electing a President of the United States emphasizing it as the most significant event in American political life. Animated drawings and a wealth of photographic material record recent campaigns. The film describes the structure and strategy of presidential campaign organizations and the major political moves involved in the nomination and election of a President.

h-c-a 16 minutes $2.25

PRESIDENT'S CABINET (C)

Relationship of the President's cabinet to everyday life situations and to other functions of our government is shown in this important civic production. Functions of the cabinet and the executive departments are outlined and a review of the general development of the cabinet is offered.

j-h-c-a 11 minutes $1.50

PRESSURE GROUPS (EB)

Clearly explains what pressure groups are and reveals that, when democratically used, they are a necessary instrument for decision-making in a democracy. Illustrates methods used by a representative democratic pressure group to bring about legislation for a desirable civic project. Contrasts these methods with the under-handed and behind-the-scenes manipulation employed by a group attempting to prevent the passage of a bill.

h-c-a 20 minutes $2.65

PREVENTING THE SPREAD OF DISEASE (NMP)

Stressing measures which both the individual and the community may take to reduce communicable disease.

a 10 minutes $1.85

PRICE OF FREEDOM, THE (NAM)

A young reporter who, after seeing what happens to the individual's freedoms under the police state, decides to warn the readers of his newspaper against the tendency of the people of any country to want the government to do everything for them.

h-c-a 23 minutes $3.00

PRIDE AND PREJUDICE (TFC, Restricted to Classroom Use)

This is an abridged version of the feature-length dramatization of Jane Austen's novel.

j-h-c 40 minutes $5.00

PRIDE, THE SADDLE HORSE (EB)

The story of the growth and training of a champion saddle horse, Pride. Shows very young children the long training that a horse must undergo to be "just a saddle horse." Pictures horses being shod, running free in the pasture, and being broken to the saddle. Fine pictures of show horses in the ring.

p-i 10 minutes $1.85

PRIMARY CELL, THE (EB)

The structure of the primary cell is diagramed, and the manner in which electrical current is created through the reaction of positive and negative electrons is demonstrated by animated drawings. The use of the primary cell in portable radios, cameras, and other electrical appliances is shown.

j-h 11 minutes $1.50

PRIMARY FLIGHT TRAINING — ATTITUDES OF FLIGHT: PART I (CAA)

Discusses performance of the climbing attitude, the glide, straight and level flight, and the gliding turn. Reviews flight procedures for each attitude and orients the pilot in "the feel" of the operation. Stop motion clarifies correct attitude angles.

h-c-a 15 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — ATTITUDES OF FLIGHT: PART II (CAA)

Discusses performance of the 180 degree power on approach, out of the wind take-offs and landings, stall and recovery from stalls. Reviews flight procedures for each attitude and orients the pilot in "the feel" of the operations.

h-c-a 12 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — BEFORE YOU FLY (CAA)

Demonstrates pre-flight inspection, starting and stopping procedures, and care of parachutes. Emphasizes the inherent dangers of not following instructions. Demonstrates correct procedures.

h-c-a 35 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — FIRST FLIGHT: PART I (CAA)

Shows how the control surfaces affect the behavior of the plane; how the ailerons and stabilizer are used in flying; demonstrates the primary principles of flight.

h-c-a 15 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — FIRST FLIGHT: PART II (CAA)

Shows the use of trim tabs in flight; the importance of 210° vision to the pilot; learning to listen to the engine and tell by sound how the plane is reacting; the use of the rudder to facilitate entry and recovery from turning practice.

h-c-a 13 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — FLIGHT PATH PRECISION COVERING CIRCLE SHOTS, PYLONS, AND SMALL FIELD PROCEDURE (CAA)

Shows the proper procedure for circling, flying pylons, and for landing and taking off from a small field.

h-c-a 21 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — FLYING SENSE (CAA)

Links the primary flight student's childhood experience and preparatory training with his projected activities by use of analogies with walking, bicycling, and driving a car.

h-c-a 24 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — KEEP IT FLYING: PART I (CAA)

Shows the relation of angle of attack to lift and stalling; what apparent weight involves and how to tell if it is increasing. Stresses getting the feel of the plane in stalling attitudes.

h-c-a 10 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — KEEP IT FLYING: PART II (CAA)

Shows stalls, spins, and recoveries. Stresses getting the feeling of these actions, the break in a stall, the shudder just before she breaks away. Demonstrates the use of the falling leaf maneuver in landing. Shows the technique for spin recovery and makes analyses of progressive stalls and spins.

h-c-a 15 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — LANDINGS (CAA)

Shows the correct methods of landing; gaining a landing attitude through a gliding approach and the stall; the importance of maintaining heading; correcting for excess landing speed. Makes a comparison between the attitude of the plane in landing and the attitude of a bird in landing.

h-c-a 13 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — RACE TRACK PATTERNS: PART I (CAA)

Discusses landing approach problems, the effects of wind according to its strength and direction, and the effect of turning too wide or too sharply. Illustrates proper methods of making the 90 degree approach and drift angle correction.

h-c-a 22 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — RACE TRACK PATTERNS: PART II (CAA)

Illustrates principles involved in making a proper 180 degree power approach in landing on a predetermined spot in the field. Explains how to determine if the distance from the field is correct, how to vary attitude of flight and/or power in order to vary speed and/or rate of descent.

h-c-a 21 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — SAFE FOR SOLO (CAA)

Explains flight instructions for emergency landings and lost and strange field procedures. Discusses altitudes, winds, airspeeds, ground approaches, and take-offs relative to each situation.

h-c-a 15 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — SLIPS (CAA)

Explains the execution of slips and the common errors usually made by student flyers.

h-c-a 11 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — STEEP TURNS AND SPIRALS (CAA)

Explains procedures and principles involved in executing steep turns and spirals. Shows scenes of aircraft in flight from pilot's cockpit and from an observation plane.

h-c-a 11 minutes Handling charge, $1.00

PRIMARY FLIGHT TRAINING — TAKE-OFFS (CAA)

Shows the correct procedures to use in taxiing; the different hand signals used by a plane captain for getting off the line; explains how the airplane undergoes a change in attitude from the taxiing stage through the transition to flying stage; and stresses smooth positive throttle application during take-off. Analyzes common mistakes and considers methods of correction.

h-c-a 19 minutes Handling charge, $1.00

PRIMITIVE ARTISTS OF HAITI (EB, Color)

A documentary study of the work of the native artists of the Carribean republic of Haiti. Traces the development of the centre d'art founded some years ago by two American artists. Suggests the social and economic background of the Haitian people. Tells the story of the art center movement, the system by which it is carried on, and shows some characteristic results obtained. An excellent study of genuine primitive artists and their work as well as an interesting case study of one aspect of democratic living.

j-h-a 11 minutes $2.70

PRINCE OF PEACE (UW)

Presents a pictorial account of the complete Christmas story, from the Annunciation to the flight into Egypt.

h-a 22 minutes $5.00
(one day only)

PRINCESS AND THE DRAGON, THE (I)

Employing the technique of multiple-photography of puppets in changing positions, this picture cleverly animates the story of the cobbler boy who slays a dragon and wins the hand of the fair princess. The film, designed for children, will entertain people of all ages with its delightful story and characters.

general 10 minutes $1.85

PRINCIPAL DIMENSIONS, REFERENCE SURFACES, AND TOLERANCES (USOE)

Shows the relationship between the blueprint and a rough and finished casting; how to use a blueprint in selecting reference surfaces; interpret tolerances; and use a blueprint in checking the accuracy of finished work.

h-c 12 minutes $1.85

PRINCIPLES OF BAKING (EB)

Explains the factors involved in the making of baked products. It shows that flour is the common ingredient in all baked products or flour mixtures. It goes on further to explain the other ingredients which are used, depending on the kind of product desired.

j-h-c 11 minutes $1.50

PRINCIPLES OF COOKING (EB)

A demonstrative film on the fundamental principles of the simple cooking processes — boiling, frying, broiling, roasting, and steam cooking. Each process is described in terms of its effect on nutritive values and palatability of foods. Animated diagrammatic drawings explain the changes that take place in starches and meat when heat is applied.

j-h-c 11 minutes $1.50

PRINCIPLES OF DEVELOPMENT

See

CHILD DEVELOPMENT: PRINCIPLES OF DEVELOPMENT

PRINCIPLES OF DRY FRICTION (USOE)

Defines friction; explains the advantages and disadvantages of frictions; static and kinetic friction and the calculation of the coefficients of static and kinetic friction.

c-a 17 minutes $3.35

PRINCIPLES OF GAS FILLED TUBES (USOE)

Explains theory of ionization applied to gas filled tubes, control of currents, the gas diode as a rectifier; action of grid and application of gas triode as a rectifier.

j-h-c 15 minutes $1.85

PRINCIPLES OF GEARING: AN INTRODUCTION (UW)

Friction gears and toothed are explained and differentiated between; the law of gearing is explained.

h 18 minutes $2.65

PRINCIPLES OF HOME CANNING (EB)

The importance of selecting choice, garden-fresh foods for best results in home canning is emphasized. Causes of food spoilage by molds, yeast, and bacteria are explained, and are strikingly illustrated by microphotography of molds, yeast, and the botulinus bacilli. Four principal types of jars and closures are fully demonstrated. The need of using only perfect jars and closures is stressed. The film concludes with proper storage of food for future use — food which is preserved with a maximum of its original flavor and nutritive value.

j-h-c 11 minutes $1.50

PRINCIPLES OF LUBRICATION (USOE)

The needs for lubrication; properties of lubricants; action of lubricants; viscosity of lubricants and conditions that determine proper viscosity.

c-a 16 minutes $3.35

PRINCIPLE OF MOMENTS (USOE)

Explains the concept of a force; the formula for finding its numerical value; principle of monuments as applied to all coplaner force systems.

c-a 23 minutes $3.35

PRINCIPLES OF REFRIGERATION (USOE)

An excellent film study which deals with the discovery and development of refrigeration — shows the application of its principles in commercial and household uses for the preservation of food, and clearly presents a concise story of the modern necessity.

h-c 11 minutes $1.85

PRINCIPLES OF SCALE DRAWING (C)

Wherever things are built, scale drawings are the language of construction and a vital means of communication. Jack, Gill, and Helen are building a booth for the Charity Fair. In solving their basic problems they instruct the viewer in the skills and interpretation of scale drawing. Determining scale, using measuring and scaling tools, understanding terms, and the vital importance of scale drawing in modern industry are concepts and techniques applied in this film.

j-h 10 minutes $1.85

PRINCIPLE OF THE GENERATOR (YA)

Uses animation to explain the elementary principles of electromagnetic induction in simple terms. These principles are then related to the operation of the generator which supplies electric current to homes and factories.

j-h-c-a 10 minutes $1.85

PRINTING (VGF)

The jobs of compositors, pressmen, layout, bindery, linotype and monotype which are concerned with the printer's art are well illustrated with shots using letter presses, rotary presses, offset and newspaper presses. The training of an apprentice is well outlined. Primary use of the film will be in guidance.

j-h-c 11 minutes $1.85

PRINTING THROUGH THE AGES (EB)

Traces the story of printing from ancient times to the present. Shows early methods of reproducing pictures by means of wood blocks and depicts the transition from printing of pictures to printing of letters. Illustrates Gutenberg's contributions, and reveals the evolution of modern type face. Concludes with scenes of modern book and newspaper presses in operation.

i-j-h 14 minutes $1.50

PRIZE CALF (UW)

Shows the care and feeding of a prize calf. Preparation for the show — bathing, grooming.

i-j-h 11 minutes $1.85

PROBLEM CHILDREN (ODMH)

A story of two junior high school boys and how their personalities are affected by their relationships in home and school. Illustrates how parents and teachers should work together to provide conditions favorable to the solution of these boys' problems.

c-a 20 minutes $3.00

PROBLEM DRINKERS (MOT)

Takes you step by step through an alcoholic's downfall and his rehabilitation. Tells the story of what has been done to date by such well-known organizations as Alcoholics Anonymous, the Research Council on problems of alcohol and the laboratories of the Yale School of Alcohol Studies to control alcoholism and have it recognized as a disease.

h-c 19 minutes $3.00

PROBLEMS IN HOUSING (EB)

This film contrasts the "dream" home of modern technology, fitted with every device for comfort and convenience, with the inadequate houses in which most of us continue to live. Photographic sequences establish standards for pleasant and healthful housing and demonstrate simple, practical ways to make the houses of yesterday meet requirements recognized today. Protection from the weather, adequate light, safety, beauty and freedom from intruders present personal problems for which any school child may help to provide a solution. The film creates an awareness of physical surroundings, their influence upon man and his ability to control them.

j-h-c 11 minutes $1.85

PROBLEMS OF CITY DRIVING (PRP)

Covers the hazards of heavy traffic in urban areas. Some of the points of safety covered are: correct procedure of entering street from private driveways; which lane to use in varying circumstances; safety zones and pedestrian hazards; when and how to park in parallel and diagonal areas and on hills; who has the right-of-way at various types of intersections; emergency vehicle right-of-way; U turns, when and how to make; and many other examples of heavy traffic hazards.

h-c-a 11 minutes $1.85

PROBLEMS OF HOUSING (ASF)

Demonstrates simple and practical ways to modernize homes, stressing safety, sanitation, and beauty.

h-c-a 9 minutes $1.85

PRODIGAL FATHER (ADM)

A teen age boy, raised under poor circumstances by a mother who must work, runs away from home. While hitchhiking, he falls in with a kindly man, a "jack-of-all-trades." They like each other instantly and the man gives the boy the fatherly advice he so sorely needed. In a surprise ending, the boy, his mother and real father are reunited.

h-a 10 minutes $2.00

PRODUCTION OF FOODS (EB)

Animation depicts role of land in production of foods, influence of food production methods, and the relation of animal food to plant food.

j-h-c 10 minutes $1.50

PRODUCTIVITY — KEY TO PLENTY (EB)

The theme of the film is American production, and how we in America have achieved a capacity to produce coupled with a standard of living unequalled anywhere else in the world. It concerns the development of production, from the crude efforts back in the 1800's, to the highly efficient production of today, with a suggestion of the greater capacity for production in the future with atomic power the main tool.

j-h 20 minutes $2.65

PROFESSIONAL COOKING (M)

A cross section of several kitchens giving a picture of working conditions of several of the average, or better food preparation plants. The kitchen staff of a large hotel is shown in action dramatizing the wide variety of jobs and specialties in the professional cooking field, college preparation, on-the-job training and trade school training programs are explained and the lines of promotion are indicated.

h-c-a 11 minutes $2.00

PROGRESS REPORT ON PAKISTAN (McGH)

Discusses the development of Pakistan in the first five and a half years of its existence. Surveys the industrial and construction programs. Examines the problem of Kashmir, an area claimed by both Pakistan and India.

j-h-c-a 26 minutes $3.70

PROJECTING MOTION PICTURES (UC)

Designed for use in training student projectionists of 16mm films. A knowledge of the threading, operating controls, and cleaning of equipment is presupposed.

j-h-c-a 10 minutes $1.85

PROMENADE ALL — WESTERN SQUARE DANCING (GA)

Includes 18 or more different figures of popular and exhibition squares. Produced with the cooperation of the Folk Dancing Federation of California and its member clubs.

h-c-a 11 minutes $1.85

PROMISE, THE (UW)

A newly appointed prison welfare worker seeks to find the motivating influence in the life of his late predecessor. He discovers it was the presence of the Holy Spirit and then seeks to learn how he may obtain it. In the end he realizes that it is Christ's promise to everyone.

h-c-a 45 minutes $10.00

PROMISE OF PAKISTAN (MOT)

Scenes from the new nation of Pakistan, which was created on August 15, 1947. We see lumbering caravans moving slowly through the Khyber Pass, modern airliners landing at Karachi Airport, visit great modern newspaper plants, and observe religious customs dating back thousands of years.

j-h-c-a 17 minutes $3.00

PROOF OF THE PUDDING (MLI, Color)

A study of human diet requirements. Shows the food needs of a typical family, and how good health and a liberal diet can be maintained on even a limited food budget.

h-c-a 10 minutes Handling charge, $1.00

PROPAGANDA TECHNIQUES (C)

Chuck would like to know whether the election was really "a victory for good government" as the victorious party claimed, or just a victory for propaganda. The film teaches the methods of recognizing and evaluating propaganda, and also encourages one to adopt a judicious, critical attitude toward it.

j-h-c 10 minutes $1.50

PROPER STEPS (ASF)

Offers suggestions on how to avoid foot trouble, and points out common foot abuses and errors in walking habits.

j-h-c-a 9 minutes $1.85

PROPERTIES OF TRIANGLES (KB)

The practical importance of the rigidity of the triangle is illustrated by comparing the strength of triangles with the strength of non-rigid figures. Animated treatments of the angle bisectors theorem, the perpendicular bisectors theorem, the altitudes theorem and the medians theorem follow. The merging of lines and points when a triangle becomes equilateral is shown.

h-c 12 minutes $1.85

PROPERTIES OF WATER (C)

The film demonstrates the composition of water boiling under different pressures, distillation, solubility of solids, liquids and gases in water, saturation, supersaturation, crystallization, water as a standard and energy changes in freezing and vaporizing.

h-c 11 minutes $1.85

PROPERTY TAXATION (EB)

Social usefulness of property taxation, types of government expenditures supported by such taxes, bond issues and levying taxes illustrated. Fundamental operations of arithmetic are practically used.

j-h-c 10 minutes $1.50

PROPHET WITHOUT HONOR
(TFC, Restricted to Classroom Use)

Opens with a view of the Hall of Fame wherein are the busts of seventy-two honored Americans. The scene shifts to 1825 with young Maury as a midshipman, at sea. Meeting with an accident and becoming crippled for life, he is transferred to a bureau. He makes an intensive study of the old records and eventually maps out a chart of the ocean's behavior regarding currents and wind directions. After proving his charts, the whole world honored Maury. The picture closes with views of diverse modern activities all aided by his studies of wind and weather.

j-h-c 11 minutes $1.85

PROSPECTING FOR PETROLEUM (SOC, Color)

Puppets show how the crude methods of early oil prospectors have been replaced by highly sensitive instruments. An excellent film.

general 22 minutes $1.00

PROTECT YOUR BIRDS (LF)

Shows why birds are important to us. Birds are seen in natural habitat in large close up. Bird calls are also given.

p-i 6 minutes $1.85

PROTOPLASM: BEGINNING OF LIFE (B)

Depicts the earliest forms of life as revealed through Geology, showing characteristics of living things, movement, irritability, assimilation, and reproduction. Shows that through reproduction the race of a species lives on.

c-a 11 minutes $2.00

PSALMODY (NA, Color)

A devotional read by Dr. Jesse W. Stitt forms the background for scenes of the world of nature.

h-c-a 10 minutes $3.00

PSYCHOLOGY FOR LIVING SERIES: FACING REALITY (McGH)

The film illustrates such common defense and escape mechanisms as rationalization, negativism, daydreaming, etc. Mike Squires is an example of having strong negative attitudes and allows his failings to affect all his social dealings and he is unhappy alone. His teacher reaches him by mentioning that by speaking of our troubles we can avoid tying them up in ourselves and Mike remains after class to speak with him.

j-h 12 minutes $3.00

PSYCHOLOGY FOR LIVING SERIES: HABIT PATTERNS (McGH)

Barbara is always unprepared, unorganized, and unpleasant due to sloppy habits. At an important social get-together she begins to feel self-conscious which makes her carefully examine herself. She begins by cleaning up her room and her appearance. Contrasted with Barbara is Helen who knows what she wants and arranges herself to achieve her goals.

j-h 15 minutes $3.00

PUBLIC ENEMY NO. 1 (WCTU)

Photographed against a fast-moving panorama of Pacific coast and mountain scenery, the film depicts a vacation trip taken by a doctor and his two sons. During the trip the doctor tells his sons about alcohol and the alcohol problem; how alcoholic beverages are made, advertised, and sold; their damaging effect on mind and body and how the use of alcoholic beverages leads to ruined lives, broken homes, and to vice and crime.

h-c-a 20 minutes $3.00

PUBLIC OPINION (EB)

Public opinion process is traced through state of tension, diagnosis and prescriptions, further debates to final action. Shows what affects public opinion process. Methods of measuring public opinion are illustrated, also ways of analyzing factors that influence public opinion. Defines nature of an enlightened public opinion in a Democracy.

j-h 11 minutes $1.50

PUBLIC OPINION IN OUR DEMOCRACY (C)

Attitudes of citizens toward prominent issues in political and social life are a vital part of the American system. Explains the importance of public opinion, shows how it is formed and determined on a significant community issue. From it students will learn the importance of their opinions and the obligation they have to express their opinions in terms of responsible action.

j-h-c-a 11 minutes $1.50

PUBLIC RELATIONS (MOT)

Through the many changes in American life in the past twenty-five years a new profession has come into being — the practice of public relations. Good public relations in business has become of prime importance and it is the public relations counselor who is charged with the task of maintaining sound inter-relations of business, government, labor, and the public. The film shows the value of good public relations between business, labor, government, and the public, and the role of public relations personnel.

h-c-a 17 minutes $2.65

PUBLIC SCHOOLS OF INDIA (IIS)

Pictures activities at various public schools in India in scholastic instruction, sports and culture. Includes the Doon, Lawrence and Vidya schools.

h-c-a 10 minutes $2.00

PUBLIC SPEAKING: MOVEMENT AND GESTURE (C, B&W or Color)

Through a modern teaching approach, the film helps beginning speakers appreciate the functions values and ways to study movement and gesture in speaking. It demonstrates the common techniques that are appropriate and effective and suggests ways to develop ease and spontaneity of action.

**j-h 11 minutes B&W $1.85,
Color $2.70**

PUEBLO ARTS (UM, Color)

How the soil that made plaster and helped build homes for the Pueblos was discovered as a means of creating utensils which developed into an unique art expression is shown, by primitive methods of moulding, coloring, and firing of pottery.

j-h-c-a 11 minutes $3.00

PUEBLO HERITAGE (AS, Color)

Shows the background for the Pueblo culture in modern New Mexico by tracing this culture from pre-white man era to the present. The native Indians are shown pursuing their crafts of pottery and jewelry making. A tribal celebration at Gallup is shown, in which the Taos, Zuni, and Acoma Indians participate. Other films in this series are: MIRACLE ON THE MESA and SEMINOLES OF THE EVERGLADES.

general 20 minutes Handling charge, $1.00

PUNCH AND JUDY (GA)

Opens with a short demonstration of setting up and operating a hand puppet show, after which Mr. Punch tells a brief story of his history and tradition from the 17th century to the present day.

Then a show is presented in which Punch commits many murders and is finally eaten by an alligator.

p-i-j-h-a 17 minutes $2.65

PUNCHES (PTC)

How to use this tool.

j-h-c 15 minutes $2.65

PUNCTUATION — MARK YOUR MEANING (C)

An absorbing film story which, in a matter of minutes, emphasizes the importance of proper punctuation and its basic rules as no amount of weary classroom repetition could ever do.

i-j 11 minutes $1.50

PUPPETRY — STRINGED MARIONETTES (EB)

In this film we accompany a little boy as he visits a puppeteer's workshop. We observe the craftsman working on the construction of one of the dolls throughout its various stages. The film concludes with an episode from the "Hansel and Gretel" story, acted by the marionettes.

j-h-c 11 minutes $1.50

PUPPY TROUBLE (USI)

Care, feeding, and simple obedience training of puppies from 8 weeks to 8 months are shown. Included are housebreaking, teaching a puppy to stay by himself, breaking the habit of barking, grooming, medical care, and how a puppy learns.

j-h-c-a 20 minutes $2.65

PUP'S CHRISTMAS, THE (MSP)

Two little pups go on a rampage with the toys under the Christmas tree.

p-i 10 minutes $2.50
(one day only)

PURITANS OF MASSACHUSETTS BAY (AUFC)

The life, customs, government, religion, education, homes, and occupations of the Puritans in Massachusetts about 1645 are depicted. The characters are portrayed by costumed actors.

i-j-h-c-a 20 minutes $3.50

PUSS IN BOOTS (UW, Color)

A cartoon adaptation of the fairy tale. Sinbad outsmarts the pirates with his tricks.

general 11 minutes $2.70

PYGMIES OF AFRICA (EB)

The film depicts subsistence of Pygmy tribes living in the Congo River Region of Central Africa. Mode of living, gathering of food, hunting methods, animals native to the region, a community game hunt, and bartering processes are among the many phases of native life presented in this film. Witch doctor mysticism is very interesting as are the native superstitions.

i-j-h-c 20 minutes $2.65

PYTHAGOREAN THEOREM (KB)

Presents the historical background of the theorem and includes a detailed discussion of an interesting use of the 3-4-5 triangle by the Egyptians. The theorem is proved and examples are shown. The basic importance of the theorem is stressed.

h-c 12 minutes $1.85

QUADRILATERALS (KB)

Illustrates and explains the chief properties of the important quadrilaterals, including the parallelogram, rectangle, rhombus, square, trapezoid, and trapezium.

h-c 11 minutes $1.85

QUALITY CONTROL BY STATISTICAL METHODS: ACCEPTANCE SAMPLING (UW)

Explains acceptance sampling as sampling by the purchaser to determine if the products meet the quality standards he requires. Methods of acceptance sampling, costs of the various methods, and their comparative efficiency are discussed.

c-a 20 minutes $3.00

QUALITY CONTROL BY STATISTICAL METHODS: PROCESS CONTROL (UW)

Shows ways of keeping variations in product from swinging in such wide arcs that too many pieces must be discarded, how to check the process to see whether it is within these limits, and how the limits may be moved in or out according to the controlability of the process.

c-a 9 minutes $2.00

QUALITY IN THE MAKING (GM)

Presents the various processes of manufacture involved in the production of quality ball bearings at General Motors New Departure Division.

h-c-a 23 minutes $3.00

QUALITY MILK PRODUCTION (CCC)

The important steps in producing clean wholesome milk are depicted in this film. Farm scenes show how sanitation is practiced in the control of mastitis and producing milk of a low bacterial count. A number of scenes inside the laboratory and plant of the receiving station stress the procedures to be followed in maintaining a high quality product. The plant fieldman is shown in action and how he serves the needs and interests of the producer and the processing plant.

h-c 30 minutes Handling charge, $1.00

QUALITY MILK WITH LESS LABOR (PCA, Color)

Shows good construction of dairy barns and the precautions taken to keep equipment clean with greater efficiency. Available to Illinois users only.

h-c-a 20 minutes No charge

QUARTERBACK, THE (NAM)

Tom Walker, a football hero in college, fails in his business position after his fame on the playing field is forgotten. Later, he learns that it is necessary to prepare and work for success in life as in football.

h-c-a 30 minutes $3.70

QUEST, THE (LWF, Color)

Based on John III, dramatizes the answer to Nicodemus in his quest of the truth when he visits Jesus — adapted from scenes in the Zion, Illinois, passion play.

a 15 minutes $4.25

QUESTION OF VALUES, A (UW)

Dramatizes a short sermon by Rev. Bertram E. Woods.

h-c-a 10 minutes $1.85

QUETZALCOATL (UC, Color)

Quetzalcoatl is tempted by a rival god. He yields to the temptation and loses the respect of his people. In remorse he throws himself on a funeral pyre, and his spirit descends to the underworld. After eight days his physical ashes are transformed into colored birds and his heart rises to become the morning star.

j-h-c-a 15 minutes $4.25

QUICKER THAN YOU THINK (ARCO)

A cooking demonstration featuring quick, easy menus and prepared meats.

j-h-c 20 minutes Handling charge, $1.00

QUICKER'N A WINK (TFC)

A demonstration of the stroboscopic camera which photographs motion of objects whose speed has heretofore defied reproduction through photography.

general 9 minutes $1.85

QUIET ONE, THE (ATH)

Donald Peters is a mentally-disturbed Negro boy who is an only child and the victim of a disrupted home in the Harlem district of New York City. At the age of 10, he is sent away to the Wiltwyck School at Escopus, New York, a correction school for delinquent boys founded by the Protestant Episcopal Church. With the aid of the psychiatrist and counselors there, he receives the training and emotional comfort which set him on the path of rehabilitation of his own personality and toward becoming a useful member of society when he reaches adulthood.

h-c-a 67 minutes $10.00

R 521 (AFF)

An impression of a trip from Milan to Rome on Italy's latest and swiftest express train. With E.C.A. funds, the country's devastated railroads and equipment are rapidly overtaking their pre-war level of excellence. An unusual musical score sustains and underscores the drive of the locomotives.

i-j-h 12 minutes $2.65

R.A.F. ACTION (CAA)

Newsreel shots of the R.A.F. in action. Includes first, a short historical survey, next, types of bombers in current use. Film ends with actual combat shots in the Battle of Britain, and attacks on convoys.

j-h-c 11 minutes Handling charge, $1.00

RABBETING AND SHAPING AN EDGE OF STRAIGHT STOCK (UW)

Principle of the shaper operation; how to set up the machine for cutting rabbets; how to cut rabbets; how to set up the machine to shape molding; and how to shape a molding.

h-a 18 minutes $2.00

RABBIT, THE (IFB)

The rabbit is offered as an example of study of the rodent family, within the larger classification of mammals and vertebrates. The food, skeletal structure, natural habitat, and burrow of the rabbit are described and its characteristic movements and bodily parts are related to its environment. Shown are detailed treatments, aided by animated drawings, of the fresh burrow dug for each new litter, the process of reproduction which takes thirty days to the births, the care which the female takes of the young, and the development of the young as they learn to fend for themselves.

j-h-c 11 minutes $1.85

RABBIT'S DEVELOPMENT (IFB)

The dissection of a rabbit shows the female reproductive process in detail and the dissection of pregnant rabbits shows the female reproductive system. Animation is used to illustrate the entire reproductive process in detail. Development of the embryo is also shown by animation.

h-c-a 34 minutes $4.00

RACCOON'S PICNIC, THE (EB, Color)

Story of two adventurous raccoons' explorations for food during the day instead of at night as adults do. They find two boys swimming who are on a picnic and the raccoons, Willie and Beatrice, poke and steal the food. Conclusion comes when boys discover the raccoons and the raccoons' realization that next time they should explore at night.

p-i 5 minutes $1.85

RADIO AND TELEVISION (VGF)

Starts with a series of dissolves showing wireless set of hand key and sounder type, terminal station, transoceanic wireless station, radio room of large ship talking from airplane to ground station. The development of radio is sketched. Radio's relation to television is shown. This is one of "Your Life Work" series showing the training and personal qualities necessary and the promotional opportunities for those interested in radio.

j-h-c 11 minutes $1.85

RADIO ANTENNAS: CREATION AND BEHAVIOR OF RADIO WAVES (CAA)

Depicts electric and magnetic fields, behavior of radio waves in space, ground wave, reflection and refraction and the causes of fading.

h-c-a 12 minutes Handling charge, $1.00

RADIO ANTENNAS: FUNDAMENTALS OF THE ANTENNA (CAA)

Depicts various types of antennas and explains some of the fundamental characteristics of each. Explains how the effective length of an antenna can be altered and how standing waves are prevented from forming in transmission lines. Also shows typical circuits for voltage and current-fed antennas.

h-c-a 13 minutes Handling charge, $1.00

RADIO BROADCASTING TODAY (MOT)

Shows why radio has been accused of such extremes. Important programs such as Toscanini, Norman Cor-win, Town Hall; others like popular comedians Benny, Bergen, Hope, Allen; the film appraises all these as well as the many other types of programs that make up popular radio.

general 19 minutes $2.65

RADIO COMPASS, THE — THE RADIO COMPASS IN FLIGHT (CAA)

Shows how the radio compass is utilized in aerial navigation.

h-c-a 20 minutes Handling charge, $1.00

RADIO LOCATION — SITING RADAR EQUIPMENT (CAA)

Discusses some of the basic factors to be considered in siting wide beam type of radar equipment.

c-a 28 minutes Handling charge, $1.00

RADIO TECHNICIAN TRAINING — AUDIO OSCILLATOR OPERATION (CAA)

Explains the operation of the audio oscillator and demonstrates its use. Shows the performance of the oscillator by checking an amplifier with the audio oscillator and "A" scope.

h-c-a 9 minutes Handling charge, $1.00

RADIO TECHNICIAN TRAINING — CAPACITANCE (CAA)

Demonstrates the flow of electrons through a circuit and shows the charging and discharging of condensers. Discusses the variations of a charge on a condenser in relation to time and the behavior of capacitance with alternating current.

h-c-a 31 minutes Handling charge, $1.00

RADIO TECHNICIAN TRAINING — ELEMENTARY ELECTRICITY: AMPERES, VOLTS AND OHMS (CAA)

Presents an elementary treatment of the relationship of the symbols amperes, ohms, and volts and what each of these units measures; deals with the instruments used to measure volts and amperes.

h-c-a 8 minutes Handling charge, $1.00

RADIO TECHNICIAN TRAINING — ELEMENTARY ELECTRICITY: CURRENT AND ELECTROMOTIVE FORCE (CAA)

Explains the electron theory, discussing at length the arrangement of molecules, the building up of current, conductors, electromotive force, and resistance; discusses chemical and mechanical sources of electromotive force.

h-c-a 10 minutes Handling charge, $1.00

RADIO TECHNICIAN TRAINING — INDUCTANCE (CAA)

Shows how a magnetic force reacts around a coil. Explains self-inductance and how to increase the value of it, and how to increase the inductance of a coil.

h-c-a 35 minutes Handling charge, $1.00

RADIO TECHNICIAN TRAINING — OSCILLATORS (CAA)

Studies oscillation and variations in oscillations; explains the functioning of a common circuit and tank circuit.

h-c-a 13 minutes Handling charge, $1.00

RADIO TECHNICIAN TRAINING — PERIODIC FUNCTIONS (USN)

Explains what a periodic function is and demonstrates that a sine wave (or function) is a periodic function and that the voltage of an alternating current is a sine function. Shows how AC generators may differ in voltage, frequency, and phase. Explains, through the process of combining their respective sine curves, the result of combining the voltages from two generators, not in phase.

h-c-a 17 minutes $2.65

RADIO TECHNICIAN TRAINING — RCL — RESISTANCE CAPACITANCE (CAA)

Explains current and voltage in relation to time, voltage and current curves; how current leads voltage and voltage leads current in different instances; and the relation of current and voltage. Shows the graphic method of measuring voltage at the source, addition of phase components, and the effect of impedance at resonance.

h-c-a 34 minutes Handling charge, $1.00

RADIO OPERATOR (CAA)

Presents a soldier's progress through radio operators school and how as a radio operator he later saves the lives of his bomber crew when they are forced to ditch their plane.

j-h-c-a 20 minutes Handling charge, $1.00

RADIO OPERATOR TRAINING — RHYTHM, SPEED AND ACCURACY IN HAND SENDING (CAA)

Discusses sequence in rhythm and timing; points out that clear distinct sending is essential in order to assure proper receiving at destination; compares several senders' ability by means of recording tape. States that it is best to be adequate and progress slowly rather than to be speedy and send jumbled messages.

h-a 12 minutes Handling charge, $1.00

RADIO OPERATOR TRAINING — TECHNIQUE OF HAND SENDING (CAA)

Stresses the important parts of the transmitter: the nob, contacts, tension springs, adjusting contacts, and adjusting springs; and the importance of ease of operation and correct position. Studies the elements of Morse Code, timing, and the parts of the body that function when transmitting code.

h-a 9 minutes Handling charge, $1.00

RADIO RANGE ORIENTATION (CAA)

Shows by use of the Link Trainer how a pilot can locate himself through the use of the radio range and how to bracket its beams or courses.

h-c-a 20 minutes Handling charge, $1.00

RADIO TECHNICIAN TRAINING — RECTANGULAR COORDINATES (CAA)

Demonstrates the use of coordinates in simplifying the solution of problems involving two variables. Teaches how a point is located by the use of two coordinates and explains what a coordinate is.

h-c-a 13 minutes Handling charge, $1.00

RADIO TECHNICIAN TRAINING — SIGNAL GENERATOR OPERATION (CAA)

Shows step-by-step how to use a signal generator to align a radio receiver. Assumes the knowledge of AC principles, R.F. currents in receiver circuits, basic operations of detectors, etc.

h-c-a 10 minutes Handling charge, $1.00

RADIO TECHNICIAN TRAINING — STANDING WAVES ON TRANSMISSION LINES (CAA)

Discusses the results, causes, and prevention of standing waves in radio high frequency transmission lines.

h-c-a 27 minutes Handling charge, $1.00

RADIO TECHNICIAN TRAINING — TUBE TESTER OPERATION (CAA)

Shows step-by-step how to operate tube testers (Hickok and Supreme Types) in determining conditions of various types of tubes as to "internal shorts," cathode emissions, and dynamic mutual conductance.

h-c-a 9 minutes Handling charge, $1.00

RADIO TECHNICIAN TRAINING — VECTORS (CAA)

Demonstrates vectors, changes in angle or magnitude, how vectors are plotted, and how the resultant is found.

h-c-a 12 minutes Handling charge, $1.00

RADIO TECHNICIAN TRAINING — VOLT-OHMMETER OPERATION (CAA)

Shows the step-by-step operation of a volt-ohmmeter to measure ohms and volts, including the selection of proper scale range, adjustments for zero scale, and setup for either DC or AC current.

h-c-a 15 minutes Handling charge, $1.00

RADIO TRANSMITTERS: PRINCIPLES AND TYPICAL CIRCUITS (CAA)

Shows the principal parts of a radio transmitter and how each functions; covers the antenna and its purpose, a simple oscillator and how it functions, the Hartley oscillator circuit, the amplifier; and how the microphone is connected in the circuit.

h-c-a 18 minutes Handling charge, $1.00

RADIOISOTOPES: THEIR APPLICATION TO HUMANS (MF, Color)

Pictures a comprehensive review of up-to-date practices in the use of radioisotopes in a most visually pertinent fashion. Tracer studies and therapeutic methods of application directly to the patient show the use of radioactive iodine, sodium, iron, calcium, lanthanum, strontium, cobalt, phosphorous, gold and the neutron capture therapy involving boron for treatment of brain tumors.

h-c-a 32 minutes $5.20

RAILROAD SAFETY (UW)

Explains importance of safety in all phases of railroad work. Includes safety in yards, aboard trains, along right of way, and in maintenance shops.

h-c-a 34 minutes $4.00

RAILROAD SIGNAL (NYC)

After short review of past RR signals, the automatic system used on present large railways is explained.

general 20 minutes Handling charge, $1.00

RAILROAD SPECIAL AGENT (McGH)

Shows the duties of a railroad policeman in patrolling, guarding, and watching over the people and cargoes that move by rail.

j-h-c-a 15 minutes $2.65

RAIN ON THE PLAINS (USDA)

The value and importance of using proper measures of conservation with soil which lacks sufficient water is to be seen in this film. When rainfall is saved by contour plowing and terraces, the ground remains fertile and villages and cities can flourish on the plains.

general 10 minutes Handling charge, $1.00

RAINBOW OF STONE (TFC, Color, Restricted to Classroom Use)

A drought threatens the grazing lands of the Navajos. An old chief tells his grandson the tribal legend of a wonderful country beyond "the rainbow of stone." The Indian boy and his friend, a white trader's son, start out, and after many adventures in the desert and mountains, they find the legendary land.

i-j-h 21 minutes $4.50

RAINBOW PASS

(TFC, Restricted to Classroom Use)

After a glimpse of the Chinese countryside and the celebration by peasants of a holiday in honor of the soil, we see "The Rainbow Pass," a famous Chinese drama.

Then there is the theatre where members of the audience sit at tables eating. Others view the drama from rows of benches. The stage is bare except for chairs and tables arranged by the property man who wears black to denote he is meant to be invisible. He arranges the chairs to indicate twin mountains with the Rainbow Pass between them. These are conventionalized symbols clearly understood by the audience.

Each character introduces himself and explains his rôle. During a duel one of the combatants falls, but not until the property man has carefully arranged three pillows, pausing during the process to relight his cigar. Attendants pass among the audience with hot towels for the face. The wife of the slain man enters, challenges his slayer. They go through the symbolic steps of combat but as they fight, hate turns to love, and they leave the stage together.

j-h-c 11 minutes $1.85

RAINBOW VALLEY (USDA, Color)

Portrays the work and responsibilities of the United States forest ranger in the service of the American people. Illustrated are many of the activities in which all forest rangers engage in protecting and managing the resources of the national forests in the form of timber, water, grass, wildlife and recreation.

i-j-h-c-a 28 minutes $5.20

RAINDROPS AND SOIL EROSION (UW, Color)

A series of experiments show how raindrops scatter the precious topsoil and cause erosion. Conservation measures are necessary to combat the harmful effects of rainfall and turn it into a blessing. Mulching cover crops, strip-cropping, terracing and contouring are seen to be the agents that successfully prevent soil erosion.

h-c-a 20 minutes $4.25

RANCHO LIFE (AB, Color)

Ranchero Don Solis tells of his experience establishing his Rancho — how he measured it with rawhide riatas, tilled the soil with modern plows and slow moving oxen. Vaqueros rope, brand and herd cattle. Hides and tallow are traded at the seacoast for merchandise from the merchant sailing ships.

i-j-h-a 22 minutes $4.25

RAPE OF THE EARTH (BIS)

The world problem of soil erosion. Wind and flood have done great damage, but man has drained the earth of its strength for centuries. Remedial work was begun before the war, but millions of acres have been lost, some for all time.

h-c-a 20 minutes $2.65

RAPID FIRE MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

RAPUNZEL (CR, Color)

A wicked witch imprisons Rapunzel in a tower. Rapunzel's long blond hair, used as a rope ladder, affords the only means of getting into the tower. A prince attempts to rescue Rapunzel, but the witch catches him. She blinds the prince and shuts Rapunzel up, but this time the prince manages to free Rapunzel and her tears of joy at seeing him cause him to regain his sight.

p-i 10 minutes $3.00

RASSLIN' MATCH (OF)

Amos and the Kingfish promote Andy as an opponent for Bull Moose, the rasslin' champ, in an hilarious match.

p-i-j 10 minutes $1.85

RATIO AND PROPORTION (KB)

Shows some applications of the idea of ratio in various real life situations. The relationship between a ratio and a proportion is clarified. The "product of means equals product of extremes theorem" is covered in detail. The usefulness of ratio as a means of comparing quantities is emphasized.

h-c 11 minutes $1.85

REACTIONS IN PLANTS AND ANIMALS (EB)

After first characterizing the concepts of "stimulus" and "reaction," the film presents a study of different types of reactions in plants and animals. Directed reactions in a field of force (tropisms) are studied first; then higher reactions including reflexes and chains of reflexes lead up to a review of nervous system activity. Such reactions as geotropism, phototropism, stereotropism, galvanotropism, and rheotropism are studied in detail.

h-c 11 minutes $1.50

READ, HEED, AND LIVE (GPP)

The purpose of the film is to help increase awareness of traffic safety signs and their importance. A visual test is conducted in the film, showing the shapes of various traffic markings and asking for identification of their meaning. The signs as well as other road markings and their usefulness are discussed.

h-c-a 10 minutes $1.85

READING A 3-VIEW DRAWING (USOE)

Shows how to use a blueprint to visualize the object, how to interpret a blueprint; and how to make a tool block according to specifications.

h-e 10 minutes $1.85

READING WITH SUZY (CW)

A film for beginning readers which calls for audience participation in group learning. Provides motivation as well as direct teaching.

p-i 10 minutes $1.85

READY TO TYPE (C)

Shows students that readiness is the prerequisite to typing efficiency — making all necessary adjustments to the machine and to oneself — getting ready mentally and physically to control the typewriter.

h-c 11 minutes $1.50

REALM OF THE WILD (USDA, Color)

Our national forests are great wilderness homes for America's wildlife and abundant with numerous species of colorful wild flowers. One-third of all our big game animals and myriad smaller animals and birds claim the national forests as their home. This film reveals that even more vital than game laws to our wild birds and animals is an assured year-round supply of the grass, weeds, shrubs, and trees which provide them with food and cover. The area of land and its capacity to produce food for wildlife are both limited. For this reason wildlife populations must also be limited.

j-h-e 30 minutes $5.20

REAMING WITH STRAIGHT HAND REAMERS (UW)

Demonstrates and explains the operations, methods, and procedures used.

h-e-a 20 minutes $2.65

REAMING WITH TAPER HAND REAMERS (UW)

Illustrates and explains the tools, operations, methods, and procedures used.

h-e-a 15 minutes $2.65

REBUILDING WITH GRASS (USDA, Color)

The ranchers in Idaho, Utah, Nevada, and New Mexico tell about their work in reseeding lands. They show how they have gotten rid of the sagebrush, and other worthless plant growth, and have reseeded the worn-out range lands and now have nourishing range plants to restore the land.

j-h-e-a 20 minutes $4.25

RECEIVING RADIO MESSAGES (EB)

Explains in detail, by animated drawings, the fundamental steps and principles in radio reception by using the simplest form of receiver — the crystal set. It shows the elements of a simple radio receiver and the scientific principles involved in radio.

j-h 11 minutes $1.50

RECKLESS DRIVER (UW)

Woody Woodpecker suddenly discovers that he must renew his driver's license.

general 10 minutes $1.50

RECONDITIONING A GRAIN DRILL (USOE)

How to inspect and repair a typical grain drill; how to clean and lubricate the fertilizer and seeding mechanism; how to inspect the seeding tubes, the clutch and driving mechanism; how to adjust the pressure springs; how to repair the disc furrow openers, the drive chains, and the pawl assembly; and how to calibrate the seeding mechanism are shown.

h-c 31 minutes $3.70

RECONDITIONING A MOWER (USOE)

Methods of checking, reconditioning, and repairing the cutter bar of a mower are clearly depicted in this film produced by the United States Office of Education. It shows how to remove and replace worn sections in the sickle; how to replace and adjust knife clips and wearing plates; how to align the ledger plates; how to adjust the cutter bar to the proper lead; and how to adjust the sickle for register.

h-c 22 minutes $3.00

RECONDITIONING A TWO-BOTTOM TRACTOR PLOW (USOE)

Shown are: how to check, repair, and maintain a two-bottom tractor plow; how to check and repair the different wheel assemblies; how to check and repair the power lift assembly; and how to find the center of resistance and the line of draft. Instruction also is given for mixing the ingredients of the prime coat for painting farm machinery.

h-e 25 minutes $3.70

RECORD OF A FLIGHT, THE (CAA)

Shows how air traffic is "controlled" by following the procedures involved during a typical flight. Special attention is given to the recording of all conversations between the pilot and control personnel.

j-h-c 11 minutes Handling charge, $1.00

RECREATIONAL AND OCCUPATIONAL THERAPY (UW)

Shows recreational and occupational activities fitted to the patient's condition; individualized occupational therapy as supervised by the nurse; group occupational work in hospital and community; and social recreation projects.

c-a 13 minutes $3.00

RECTILINEAR COORDINATES (KB)

Clearly and interestingly this film discusses the mathematical principles involved in the two-dimensional and three-dimensional coordinate system. Clever animation in synchronism with numbers makes possible a concise explanation of Descartes' theorem, point, line, plane, solid, number scale, coordinates, plus and minus values, axes, and three-dimensional locations.

h-c 11 minutes $1.85

RED HEN (AB, Color)

The red hen slips away from the backyard flock and hides a nest under some bushes. Only the duck sees her go and discovers her secret. The eggs hatch and the red hen cares for her baby chicks.

p-i 11 minutes $2.70

RED-WINGED BLACKBIRD (C, Color)

Two of these birds are followed through courtship, nest building, hatching and fall migration.

general 11 minutes $2.70

REFINING OIL FOR ENERGY (SOC, Color)

Shows by animation, photographs and drawings the process of transforming crude oil into usable oils and gasoline. The terms distillation, alteration and purification are explained, showing how each is used in getting more and better gasoline and lubricating oil from the crude petroleum. The role of petroleum research is also shown.

j-h 22 minutes $1.00

REFRACTION (UW)

The law of refraction is demonstrated and explained by the analogy of wheels, moving from a smooth surface into sand. Several examples of refraction are shown and explained. Critical angle and total internal refraction are demonstrated and explained. Their applications in the submarine periscope and binoculars are explained. The law and its application is summarized.

j-h-c 8 minutes $1.85

REHABILITATION OF THE BLIND (UW)

Depicts methods used in the United States in rehabilitation of the blind, including eating and direction training, emphasis upon other senses, training for trades and occupations, and the importance of psychological adjustment.

h-c-a 10 minutes $1.85

REHABILITATION STORY (USBE)

Shows the program of counseling, treatment and vocational training offered to persons in Virginia by the Vocational Rehabilitation Service and the Woodrow Wilson Rehabilitation Center.

h-c-a 30 minutes $3.70

RELIGION IN THE FAMILY (NA)

Sets for the importance of applying Christian principles to our everyday relationships. Touches on world peace decentralization, God in nature, brotherhood of man, etc.

j-h-a 10 minutes $2.00

REMBRANDT: POET OF LIGHT (IFB)

A biographical film based on the artist's own drawings, etchings and paintings.

c-a 20 minutes $3.00

REMEMBER THE ALAMO (EPC)

Depicts the trends and events which led to the Texas War of Independence, and which eventually brought the whole Southwest under the Stars and Stripes.

j-h 39 minutes $4.45

REMEMBER THESE FACES (OWI, Color)

The emotional impact of full color is employed to produce an unforgettable picture of the wounded in a great invasion of the Pacific. The camera follows the grim spectacle of wounded men from the front line to hospital ship and records the rapid transition from front-line casualties to men safe in the hands of modern medicine and with a fighting chance for recovery.

h-c 19 minutes $4.25

RENAISSANCE, THE (C, B&W or Color)

The Renaissance was more than an historical period. It represented a mental attitude and a human spirit. It is this spirit which the film evokes in a wealth of colorful, authentic images. From Galileo's telescope to Leonardo's notebooks, from the Medici Palace in Florence to St. Peter's Cathedral in Rome, your students will experience something of the science, the literature, the arts, and above all, the driving spirit of human endeavor that gave us the Renaissance.

j-h-c-a 11 minutes B&W $1.50,
Color $2.70

RENAISSANCE ARCHITECTURE (UW)

Pictures the development of architectural form and line as illustrated in the renaissance castle of the Loire Valley of France.

h-c-a 20 minutes $3.00

RENOIR (COFI, Color)

Through Renoir's work the viewer is given an insight into the artist's life and artistic development. Fifty outstanding works are presented.

c-a 23 minutes $5.20

REPAINTING A FRAME BUILDING (UW)

How to determine repairs needed on building before painting; how to estimate amount of paint to be used; how to prepare building for paint job; how to set up staging; how to prepare factory or home prepared paint; how to prime-coat; how to store paint and equipment; and how to care for brushes.

i-j-h-c 18 minutes $2.65

REPAIRING AIRCRAFT TIRES (CAA)

Shows how to inspect an airplane tire; how to remove the tire; how to remove the tube from the tire; how to vulcanize the tube; how to repair a cut in the tire; how to re-install the wheel; and the importance of entering the job in the log book.

h-a 20 minutes Handling charge, $1.00

REPORT FROM MEXICO (BFC)

Shows the work now being done through evangelical missions in Mexico, and the unreached opportunities for Protestant missions within the country.

h-c-a 29 minutes $6.00

REPORT FROM THE BEACHHEAD (OWI)

A stirring film showing the established beachhead at Anzio, the hardships endured — fighting, mud, guts, blood, and dying. It stresses the fact that no matter how costly, our own boys will fight and die until victory is won.

h-c 11 minutes Handling charge, $2.00

REPORT IN PRIMARY COLORS (USBE, Color)

An experimental documentary on various art activities through the first four grades. Stresses the idea that art in the lower grades can be integrated with all school experiences.

c-a 33 minutes $5.20

REPORT ON DONALD (UM)

Entering college freshman Donald Carter has a bad speech block and goes to the speech clinic for help. Donald's history is reviewed to indicate how his severe block developed. He then works with his difficulty at the clinic, gains control over his speech, and becomes a confident, socially well-adjusted person.

h-c-a 20 minutes $3.00

REPORT ON HONG KONG (BIS)

Part played in world affairs. Strategic point in world commerce and her destiny is a matter of anxious speculation.

h-c-a 20 minutes $2.65

REPORT ON THE ATOM (McGH)

Shows the non-military uses of atomic energy. Research conducted in the laboratories of the AEC are shown and the uses already being made of radio-active materials in medicine, biology and industry are illustrated.

h-c-a 19 minutes $3.00

REPORTS FROM AAF (OWI)

A report from Britain, showing the RAF and the Eighth Air Force on a hedgehopping bombing flight over France and Germany. Also included is the Fifth Air Force report from New Guinea, showing the Army Air Force maintenance and repair installation in Port Morsby, New Guinea. Featured are the ingenious tools and devices made by the Army Air Force G. I. maintenance crews from salvaged parts of disabled planes and jeeps.

h-c 10 minutes Handling charge, $1.50

REPRODUCTION AMONG MAMMALS (EB)

Actual motion picture photography, microcinematography, animated drawings, and stop-motion are used in presenting the story of embryology. The domestic pig was selected for the purpose of illustration. The story is fundamentally complete from the formation of the original male and female germ cells to the active newborn pig.

h-c 11 minutes $1.50

REPTILES (EB, Color)

Art illustrations of prehistoric reptiles introduce the five orders which remain on earth today. Close-ups of living lizards, turtles, tuataras, crocodilians, and serpents show the common characteristics of reptiles and the ways in which they move, eat, reproduce, and protect themselves. The film shows how reptiles are related to the intricate balance of nature, and some of their uses to man.

i-j-h 13 minutes $4.25

REPTILES ARE INTERESTING (FAC, Color)

Introduction of the five groups of living reptiles and illustrations of their similarities and differences.

i-j 10 minutes $3.00

REPULSION MOTOR PRINCIPLES (USOE)

Explains construction of repulsion motor; rotor circuits and effect of brush position; short-circuiting and brush-lifting mechanism; and applications of repulsion motors.

h-c-a 18 minutes $3.00

RESCUE PARTY (NFBC)

Designed for use by Civil Defense workers, film shows five stages of operation used in removing victims from bombed buildings. Also describes functions of members of rescue party, emphasizing importance of carefully recording and checking information so no trapped person is overlooked.

h-c-a 20 minutes $2.65

RESEARCH FOR BETTER LIVING (UW, Color)

Examples of the work of the Bureau of Human Nutrition and Home Economics in the fields of food and nutrition, textiles and clothing, housing and household equipment, and family economics are shown.

h-c-a 22 minutes $1.00

RESPECT FOR PROPERTY (C)

A boys' club house is broken into by a rival group and much damage is done. Through the guidance of a local policeman, the two groups of boys come to realize that personal property and public property should be respected.

i-j 11 minutes $1.50

RESPECT THE LAW
(TFC, Restricted to Classroom Use)

A case is dramatized in which failure to respect the law places the burden of one man's selfishness on the shoulders of an entire community. The respected owner of waterfront properties is told that adequate rat-proofing of his properties will cost $26,000. The owner bribes the city inspector to avoid this cost. Later, rats from incoming ships spread Bubonic Plague and many die. Both the culprits are apprehended and serve long prison terms.

j-h 20 minutes $2.65

RESPIRATION (UW)

Shows the movements of the diaphragm and thorax in breathing, along with the functions of the nasal passages, tracea. Includes both internal and external respiration and pictures the distribution of oxygen by means of the circulatory system and release of energy by oxidation of food.

j-h 14 minutes $3.00

REST AND HEALTH (C)

Burning the candle at both ends — that was George lately. Training for the conference track meet, trying to keep those grades up, not getting enough sleep — even Sue was beginning to notice the change in him. But the coach succeeds in showing George the importance of enough rest and sleep, and their beneficial effect on every daily activity. The film explains the fundamental facts about rest and teaches students to build correct rest habits.

j-h 10 minutes $1.85

REST THAT BUILDS GOOD HEALTH (C)

Eric and his schoolmates discover that sleep is just one type of rest; others include relaxation, change and exercise. They also learn how to develop good rest habits, what happens to our bodies while we sleep, and why proper amounts of rest are essential to our growth and well-being.

i 10 minutes $1.50

RESTAURANT OPERATOR (VGF)

Four fundamental types of restaurants are illustrated and types of jobs indicated.

j-h-c 10 minutes $1.85

RESURRECTION, THE — FIRST EASTER (UW)

Presents the Easter story as it is told in the first three Gospels, beginning the night before the first Easter.

h-a 30 minutes $3.70

RETIRE TO LIFE (IFB)

A machinist looked forward to a retirement of fishing and just plain loafing, but when the time finally comes he begins to feel useless and unwanted. A positive approach to retirement is then shown.

c-a 23 minutes $3.00

RETRIEVERS AT WORK (Kraft, Color)

The following dogs are shown being trained and then as finished retrieving dogs —Black Labradors, Chesapeakes, Goldens and Irish Water Spaniels.

h-c-a 11 minutes $2.70

RETURN TO ACTION (BIS)

Discusses the rehabilitation of disabled men and women, and shows how they are helped to resume useful employment.

c-a 19 minutes $2.65

RETURN TO LIFE (UI, Color)

The story of the services performed by the University of Illinois' Division of Services for Crippled Children. In dealing with the case of a little girl with a congenital heart malformation, the services performed for children with hearing problems, polio, spastic paralysis, and other diseases, are shown.

c-a 24 minutes Postage

REVIVAL OF THE 100-YEAR-OLD FARM HOME
(DPA, Color)

Shows how the extension services used plywood to remodel the 100-year-old Deem home, located near Tuscola, Illinois.

h-c-a 20 minutes $1.50

REWARD UNLIMITED (OWI)

Dramatized is the great need for Cadet Nurses. As Peggy Adams wanders down the street after saying goodbye to her fiancé who just left for overseas, she stumbles and falls down. The woman who dresses Peggy's knee has been a nurse for twenty years. She interests Peggy in the U. S. Cadet Nurses Corps. The film takes us through her training as a student nurse and shows the rewards that come from a war job well done.

j-h 11 minutes Handling charge, $1.50

RHODE ISLAND (IFI, Color)

Covers the historical background of the state and shows the modern textile, granite and woolen industries. Farming and poultry raising are also covered and it is noted that Rhode Island is also a land of pleasure with facilities for swimming, boating and yachting.

i-j-h-c-a 10 minutes $2.70

RHYTHM IN MUSIC (C)

Shows how rhythm is found within the individual, within his environment, and in music. Points out the variations in rhythm by accenting beats and by using longer and shorter beats. Shows also how melodies and rhythm are dependent on each other for support to culminate in music. Elementary grade orchestras are used in the film for rhythm demonstrations.

p-i 13 minutes $2.25

RHYTHM—INSTRUMENTS AND MOVEMENTS (EB)

Demonstration of rhythm activities, showing how a second-grade class learns to make its own instruments and create its own rhythms after seeing Indian dances. The instructor helps the youngsters coordinate rhythmic sound with rhythmic movement.

p 11 minutes $1.50

RHYTHM IS EVERYWHERE (M)

Everything that moves has rhythm. Tommy isn't aware of this but he is a small boy who can't help keeping time. On his way to school one day he meets a cow, a horse, a train, a caterpillar. His responses to the individual rhythms of each are musically and dramatically portrayed. The picture's musical score weaves together the various rhythms of the story. At school Tommy's teacher helps him to translate these rhythmic patterns into music, and with the teacher's encouragement the children of the class originate their own rhythmic games.

p-i-j 10 minutes $1.85

RHYTHM ON BLADES
(TFC, Restricted to Classroom Use)

Pupils of Gustav Lussi, including Barbara Jones, Aileen Seigh, and Richard Button, demonstrate ice skating proficiency.

i-j-h-c-a 10 minutes $1.85

RHYTHMIC EXERCISES (BFS)

Presents a group of junior high school boys illustrating rhythmic techniques, running through a series of exercises to a simple melodic background. Each element is then demonstrated in slow motion detail.

i-j-h 10 minutes $1.85

RIB STITCHING (JH)

How fabric covering is sewed on airplanes.

h-c-a 20 minutes $2.65

RICE AND BULLS (ECA)

In the district of Camargue, France, the farmers have formed a cooperative that enables them, through E. C. A. funds, to improve the yield of their rice fields. American machinery was needed to flush fresh water from the Rhone into their paddies. A neighboring cattleman looks on in distaste until he discovers that the first rich harvest, as well as helping materially all his neighbors, has been important to him also.

j-h-c-a 17 minutes Handling charge, $1.00

RICE FARMING IN JAPAN (UMI, Color)

The details of the processes of rice planting, cultivating, harvesting, and cooking are shown.

i-j-h-c-a 12 minutes $4.25

RICHER RANGE REWARDS (UW, Color)

Shows the application of the three fundamentals of range management particularly on cattle ranges, provides sustained forage and profitable livestock production.

j-h-c-a 30 minutes $5.20

RICHES OF THE VELDT (UW)

You meet a typical family in the city of Johannesburg and see their way of life and surroundings. Through an intimate knowledge of these people, and of the life of other South Africans, their fabulous natural resources, their standards of living, there comes a clear understanding of African land and people with relation to the rest of the world. Also, the native culture of a Zululand kraal is contrasted with metropolitan Johannesburg.

j-h-c 20 minutes $2.65

RIDING THE FILM (JH)

The problem of lubrication is dealt with in this motion picture. The film begins with a winter sport sequence showing how ice melts to form a lubricating fluid for skate blades. The limitation of water as a lubricant is discussed and the use of soap, wax, and tallow for lubricating purposes is shown.

Specifically, the picture deals with the problem of lubricating an automobile engine with oil. The value of oil as a lubricant is shown to be due to its ability to keep an unbroken film which holds sliding surfaces apart under varying temperatures.

We see that oil can be circulated through a machine by splashing, dripping or forcing it in a stream to the motor's various parts. Lubricating an automobile engine requires all of these methods. In real photography and animation we follow the path of oil from the pump to the main bearings, valves, connecting rods, and other working parts.

j-h-c 10 minutes $1.85

RIGHT APPROACH (IFB)

Shows the importance of using the right opening to start a sale "flowing smoothly."

a 6 minutes $1.85

RIGHT AT THE START (CAV)

Divides teaching of basic techniques into nineteen sections each providing a close-up lesson on the keyboard. Each section also provides animated explanations, and drill activities for learners to perform with the expert demonstrator.

j-h-c 60 minutes $6.00
(19 sequences in 6 parts)

RIGHT OF WAY (OWI)

Pictured in this film are a troop train, a freight train, and a truck rushing to a convoy scheduled to sail early the next morning, to deliver the goods on time. An explanation of why the civilian public must be inconvenienced at times in its traveling so that materials of war will not arrive too late is given.

h-c 7 minutes Handling charge, $1.50

RIGHT OR WRONG (Making Moral Decisions) (C)

The aim of this film is to raise for reconsideration and examination the moral standards by which each person makes his own decisions. Harry is with a gang which is breaking windows at a warehouse and is recognized by the night watchman. Even though he did not himself break any windows he is taken to police headquarters. The moral decisions which follow — of the night watchman, Harry's mother, the police sergeant, the owner of the warehouse and a social service worker — are all presented in a manner which will enable the class to better understand and evaluate the making of moral decisions.

j-h-a 11 minutes $1.50

RIGOLETTO (MUSP)

Singers in costume present the best known arias from the opera.

p-i-j-h-c-a 12 minutes $3.00

RIKKI, THE BABY MONKEY (EB)

An afternoon with Rikki, a baby Rhesus monkey, in his jungle home. Shows Rikki with his mother being fed, watched over, and exploring the interesting world about him. Shows him in a variety of typical play antics with a young monkey friend and narrowly but safely avoiding trouble with an unfriendly snake.

p-i 11 minutes $1.50

RIME OF THE ANCIENT MARINER (UC)

A reading of the poem by Samuel Taylor Coleridge accompanies the steel engravings by Paul Gustave Dore.

j-h-c-a 30 minutes $3.70

RING OF STEEL (OWI)

American soldiers are pictured as they are now, carrying on the traditions of past accomplishment. This patriotic film shows scenes of battlegrounds famous in American history and outlines the part the American soldier has played in the growth of the Nation. Commentary by Spencer Tracy.

j-h-c 10 minutes $1.50

RINK, THE (BRF)

Presents Charlie Chaplin as a waiter who spends his lunch hour at the roller rink. Shows Charlie's agility and grace as he spins gracefully around saving one lady and causing others to tumble. Includes outstanding actors Edna Purviance, James T. Kelly, Eric Cambell and others.

general 20 minutes $3.00

RIO DE JANEIRO (LFI, Color)

Contrasts the upper and lower parts of the city representing the "old" and "new" ways of life. Other scenic points of interest included are Sugar Loaf Mountain, the Cross on the Mount, Copa Cabana Beach, and carnival scenes.

j-h 12 minutes $4.25

RIO DE JANEIRO (PFI, Color)

Explains Brazil's trade relationships with the United States and with the world at large. The harbor and commerce of Rio de Janeiro is shown, and the way of life of the people in the city.

j-h-c-a 11 minutes $3.00

RIOT ON ICE (UW)

Abbott and Costello at a resort that contains a skating rink.

general 10 minutes $1.50

RIPPING AND CROSSCUTTING (UW)

How each working part of the variety saw functions; how to check saw blades; how to set the fence; how to protect one's self on the job; how to change saw blades; how to use a cutoff gage; and how to use a hinged block in crosscutting.

h-a 19 minutes $1.50

RISE AND FALL OF NAZI GERMANY (MOT)

Beginning with the Saar plebiscite in 1935, the film shows how, in carrying out the evil doctrines first enunciated in the Nazi bible, "Mein Kampf," Hitler led the Third Reich to domination over 15 countries. And how the Nazi timetable of conquest was overturned only when the U.S., Britain and their Allies joined forces, bringing about the unconditional surrender of Nazi Germany on May 8, 1945.

The remaking of Germany into a self-supporting nation is a huge job of rehabilitation, and the film emphasizes the importance of training wisely those who were too young to have been corrupted by Nazism.

h-c 18 minutes $3.50

RISE OF A DICTATOR
(TFC, Restricted to Classroom Use)

Traces the dictator's rise from an obscure corporal in the defeated German Army to absolute ruler of the Reich. Emphasis is upon the methods Hitler used to split the populace into helpless minorities, defeating them one by one; his utilization of "The big lie," intimidation through systematic terror; and control through Storm Troopers and the Hitler Jugend. Outstanding events in his career such as the Munich "Putch," his incarceration in Landsberg Prison where he wrote "Mein Kampf," and the Reichstag fire are depicted.

h-c-a 30 minutes $3.70

RISEN CHRIST, THE (LWF, Color)

Depicts the story of how Christ communicates with His disciples, following His resurrection — adapted from the Zion, Illinois, Passion Play.

i-j-h-c-a 33 minutes $5.20

RIVER, THE (USDA)

The first section of this film shows shots of wooded mountain tops, the Rockies in the West and the Alleghanies in the East. Then the story of the Mississippi itself begins, dealing with various stages of the river's history beginning with pre-Civil war days. The third large section of the film shows the results of the heedless and planless exploitation of the rich river valley. There are scenes of the ill-clad, ill-housed people who live in this rich river valley. The final sequence discusses reconstruction and conservation.

j-h-c 30 minutes $2.45

RIVER RUN (UW, Color)

Shows that proper management of forests can bring continuing prosperity over the years, benefiting owners, communities, and the nation. Vividly portrayed is the once familiar log drive on the Machias River in Maine.

h-c-a 16 minutes $4.25

RIVERS OF THE PACIFIC SLOPE (C)

The story of these three river systems — the Columbia, the Sacramento and San Joaquin, and the Colorado — is the story of the uses to which man has put these three Pacific slope rivers, adapting them to the special needs of the territory.

i-j-h-c 11 minutes $1.50

RIVERS STILL FLOW (ABC, Color)

The story of a young Amcrican Indian who obtained not only an education, but true Christian inspiration at Bacone College in Oklahoma and of how he came to sacrifice financial opportunities to serve his people.

h-c-a 30 minutes $5.20

ROAD TO BERLIN (OWI)

A Nazi submarine "wolf pack" racing to intercept a convoy carrying urgently needed supplies and the race against time by those who handle these supplies furnish the dramatic elements.

general 20 minutes $2.65

ROAD TO HEALTH AND HAPPINESS (KB)

Stresses diet, rest, safety-first, school nurse, school examination, immunization and tuberculin test, correction of deformed faces and irregular teeth, medical and dental examination; shows an effective way to care for the mouth, teeth and body.

j-h 10 minutes $1.85

ROADS SOUTH (OIAA)

Is an excellent study in contrast between primitive and ultra-modern types of transportation as they exist in the Latin Americas. The natural geographic obstacles to the development of an adequate transportation system and their effect upon the development of the economic and industrial life of those countries is vividly portrayed. Strong emphasis is given to the air-mindedness of South America. This is an excellent film for use in the study of transportation or of international relationship.

j-h-c 20 minutes $2.65

ROBERT E. LEE: A BACKGROUND STUDY (C)

Lee is studied first as a Virginian, then, as a brilliant strategist and beloved commander who stood for "cause, country, and all."

j-h 15 minutes $2.65

ROBIN (HNP, Color)

Instructive and amusing story of the life of our commonest thrush presented in authentic color and song.

i-j-h 10 minutes $2.70

ROBIN RED BREAST (EB)

This is a complete dramatic story of a robin family, from the time father and mother robin build their nest until the baby robins are old enough to take care of themselves. The story begins in early spring. Father and mother robin are shown gathering materials for the nest. After the nest is completed and mother robin has laid her eggs, father robin helps to keep the eggs warm, and feeds the mother on the nest. The development of the young in the nest is fascinating to watch.

During this period, the story alternates between comedy and tragedy. A wandering cat is chased away by the parent birds. The calls and notes of the birds enhance the charm of the film.

p-i 11 minutes $1.50

ROBOT NURSEMAID (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

ROCKY MOUNTAIN TROUT (NFBC, Color)

This is about fish and fishing in the Canadian National Parks. Fishermen find the lakes and streams of Canada well stocked with trout, and no wonder, since the government maintains fish hatcheries and scientific surveys to investigate fish life and make certain that the waters of Canada are well filled with healthy, large-sized trout. The film shows fishermen in action, and the functioning of the hatcheries in providing ample fish for the sport of Canadian National Park tourists.

general 13 minutes Handling charge, $1.00

ROCKY MOUNTAINS — CONTINENTAL DIVIDE (AB, Color)

Emphasizes the extent of the Rocky Mountains, shows characteristic geological formations, and points out how the forces of volcanic action, glacial erosion, and running water formed and modified the mountains. Trees, flowers and animals of the Rockies are included.

j-h-c-a 21 minutes $4.25

ROLE PLAYING IN GUIDANCE (UC)

Shows how a teacher uses a role-playing technique in counseling a young boy with a personal problem.

c-a 14 minutes $3.00

ROLE PLAYING IN HUMAN RELATIONS (NEA)

Demonstrates, within a group, the spontaneous enactment of human relations situations as an educational method — how discussion after a role-playing scene helps a committee learn ways in which it might have worked together better as a group, how to use the "soliloquy" or the "commentator" as ways of uncovering and understanding interpersonal relationships with a group, how to make the best use of a resource person, and how to gain confidence in human relations skills by first using role-playing as a practice method. Also develops the skills required to use role-playing — how to take an inventory of problems, how to select one problem upon which the group agrees to work, how to find a real-life example of the problem, how to set up, get under way, and stop a role-playing scene demonstrating the problem, and how to lead the discussion after the role-playing.

c-a 25 minutes $3.00

ROLLER SKATING: ROLLING RHYTHM (RKO)

Roller skating fans and a group of roller rink champions.

h-c-a 15 minutes $2.65

ROMANCE OF LOUISIANA
(TFC, Color, Restricted to Classroom Use)

Is the story of the Louisiana Purchase.

Jefferson's congress passes a bill to purchase Louisiana at a price not to exceed two million dollars. But before leaving for France, Monroe is secretly advised that he may go to ten million.

Monroe sails for France to deal with Napoleon, who needs money to wage war against England. The deal is finally closed for fifteen million; ratification takes place December 20, 1803. We see the ceremonies in New Orleans as the French officials retire. Though parts of the story may have been fictionized, on the whole it presents an accurate picture of the motives impelling France to agree to the sale.

j-h-c 20 minutes $4.25

ROMANCE OF RADIUM
(TFC, Restricted to Classroom Use)

In Paris, over 40 years ago, a man named Becquerel experiments with stones that have been exposed to the light. He attempts to capture on sensitized copper plates any rays which might be thrown off from them. Failing, he throws them in a drawer. Later he discovers that the plate on which a pitchblende stone has been resting shows results. After further experiments he enlists the aid of the Curies who isolate the potent substance from the pitchblende. By accident they learn that further purification increases the potency of the substance.

Becquerel takes it to London to show scientists there and becomes ill from association with it. When he suddenly regains his health, it is discovered that radium has curative as well as destructive properties.

We see the dramatic discovery of pitchblende deposits in the Belgian Congo. White men discover that natives have buried a badly wounded boy up to his neck in mud. They are amazed to find this works a magic cure. Analysis of the mud reveals pitchblende richer than any known until now.

The commentator gives informative data regarding radium and present-day sources of pitchblende. We see a close-up of the glow from a pellet of radium.

j-h-c 11 minutes $1.85

ROMANCE OF ROBERT BURNS
(TFC, Color, Restricted to Classroom Use)

A story woven about the episodes in the life of Robert Burns, with musical accompaniment including the songs "Auld Lang Syne" and "Flow Gently, Sweet Afton."

i-j-h-c-a 17 minutes $4.25

ROMANCE OF TRANSPORTATION (NFBC, Color)

The story of the development of transportation in Canada from foot travel to the modern, complex transportation system, is told in unique cartoon style. Such events as the crossing of the Rocky Mountains with railroads, the development of the steam engine, the internal combustion engine, and the airplane are discussed.

j-h-c-a 10 minutes $3.50

ROME (COF, Color)

With a background of blank verse, tells the story of Rome, showing scenes of the city and its people. Shows how various cultures and styles of various periods influenced the city.

h-c-a 20 minutes $5.00

ROME — CITY ETERNAL (EB, Color)

Concentrating primarily on extant ruins, statuary, architecture and the art preserved in St. Peters, this film highlights important aspects of the significance of Rome through the ages. An original musical score contributes to mood and atmosphere in keeping with the overall interpretive quality of the film. Technicolor photography achieves a richness of presentation which is essential to the theme. The film might be described as a "camera portrait" of the past and present glory of Rome.

j-h-a 11 minutes $2.70

ROME — CRADLE OF CHRISTIANITY (ICS)

Ancient and modern glories of this immortal city are shown in this subject. Among these are Hadrian's tomb, the ancient Capitol, Marcus Aurelius' statue, the Colosseum, St. Peter's, New Mussolini Forum, Trevi Fountain, and excavated masterpieces of ancient empire.

i-j-h 11 minutes $1.85

ROME, THE ETERNAL CITY (UW)

Reveals age-old relics of ancient pomp and glory, the grandeur of Vatican City and the structures of mundane, modern Rome.

j-h-c-a 11 minutes $1.50

ROMEO AND JULIET (TFC, Restricted to Classroom Use)

Is a classroom version edited from the feature picture produced by Metro-Goldwyn-Mayer in 1936. This edition limits itself to those sequences which deal directly with the love story of Romeo and Juliet from the time the two families, the Montagues and Capulets, enter the cathedral in Verona, through the first meeting of Romeo and Juliet at the Capulet ball, through the final scenes at Juliet's tomb. All the leading characters are shown sufficiently to establish their proper role in the play and most of the well-known classic lines have been included. Leslie Howard plays Romeo and Norma Shearer is Juliet.

j-h-c 40 minutes $5.00

ROOM FOR DISCUSSION (EB)

Develops an understanding of the process of discussion and a desire to participate in it. Emphasizes that discussion is the privilege and responsibility of all citizens living in a democracy.

c-a 25 minutes $3.25

ROOT DEVELOPMENT (UW)

The use of microphotography, speeded up 30,000 times, reveals details of root structure and growth. Animated diagrams show moisture absorption. Elaborate mechanisms of roots are seen in action and sensitivity of the root tip is demonstrated.

j-h-c-a 9 minutes $1.85

ROOTS OF HAPPINESS (IFB)

The story of a family living in a poor rural area of Puerto Rico points out the recognizable elements that make a happy atmosphere for family living, particularly the role of the father.

c-a 24 minutes $3.70

ROOTS OF PLANTS (EB)

The various forms of plant roots are first presented. Then time-lapse and microphotography are employed frequently in the remainder of the picture to bring out the interesting processes of growth, structure and other characteristics. The functions of the root-cap and the root-hairs are vividly presented. An experiment in osmosis is demonstrated and carefully explained, followed by animation of water absorption by the roots.

h-c 11 minutes $1.50

ROSAMUNDE (OF)

Overture by National Philharmonic Orchestra. Camera moves from place to place showing the work of the director, various instrument groups and individual players.

j-h-c 11 minutes $1.85

ROSARY OF THE MISSIONS (USIA, Color)

The story of the founding, restoration, and uses today of the Spanish Missions in California and their contribution to Art and Architecture in America.

h-c-a 18 minutes $4.35

ROSE BOWL GAME OF 1952 (UI, B&W, Color)

Every exciting play of Illinois' 40 to 7 conquest of Stanford in the 1952 Rose Bowl Game. Johnny Karras, Bill Tate, and Tommy O'Connell carry the Illini offense. See Chuck Boerio's great line-backing and watch Bill McColl, giant Stanford end, in action.

general 30 minutes **Sound B&W print $5.00**
Silent Color print $4.00

ROTATING MAGNETIC FIELDS (UW)

Explains how the stators of electric motors are wound in order to produce rotation of the motor shaft. Shows the magnetic principles behind the motor and animated drawings illustrate the way in which these principles are applied in the motor.

h-c-a 13 minutes $2.65

ROUGH FACING, BORING AND TURNING A SHOULDER (UW)

Shows how to set up a rough casting on a vertical turret lathe; face a flange; turning a shoulder with the sidehead turret; facing of a flange; how to bore a hole with the vertical turret.

h-c-a 22 minutes $2.65

ROUGH FACING, TURNING AND DRILLING ON THE VERTICAL TURRET LATHE (USOE)

The operations used in rough facing, rough turning, and drilling an aluminum casting held in the chuck jaws of a vertical turret lathe are demonstrated. The table with its combination chuck, and the main turret head are demonstrated while machining a rough aluminum casting. Centering the casting on the table, tooling the vertical head for facing, turning and drilling, are shown in detail. The clutch, the vertical and horizontal traverse and feeds, the index dials with their reference clips, and the transmission levers are shown and their function demonstrated. The necessity for safety in dress and work, checking the lubrication system of the machine, and for keeping work and table free from dirt and burns is emphasized.

h-c 33 minutes $3.70

ROUND SOUTH AMERICA BY AIR (PAA, Color)

A trip by air to major cities and scenic points from the Panama Canal to Buenos Aires.

i-j-h-c-a 57 minutes $8.00

ROUND TRIP (IFB)

This is a warm, human portrayal of America's stake in world trade. It is shown how this trade contributes to higher standards of living and to peaceful relations with other countries.

general 20 minutes $3.00

RUBY-THROATED HUMMINGBIRD (C, Color)

Shows tiny unhatched egg and just hatched bird and many other events in the life of this small, fast-moving bird.

general 10 minutes $2.70

RULES AND LAWS (EB)

Designed to help boys and girls understand the purpose of laws in our society, this film demonstrates that laws in the community are like rules in children's games. A group of youngsters is first brought to realize that having rules and abiding by them makes playing together enjoyable for all. Then they consider certain specific laws which have benefited the people of their community — thus making community life more enjoyable to all.

i-j 14 minutes $2.65

RUMOR (C)

Part one provides a springboard for discussion and ends on the question: "What should be our defense against rumors?" Part two restates the problem and gives a conclusion to your question.

c-a 11 minutes $2.00

RUMPELSTILTSKIN (C, B&W or Color)

Employs delightful puppets created especially for films to present an unusual version of this well-known fable of the strange little man who lost his temper. Teaches that "we lose ourselves" when we lose our temper. Other fantasies in this series are: Cow and the Sprite, Honest Woodsman, The Legend of the Pied Piper, King Midas and the Golden Touch.

general 11 minutes B&W $1.50,
Color $2.70

RUMPELSTILTZKIN (EB)

A young queen promises to give her first child to a dwarf who has helped her spin straw into gold at the king's demand. When the time comes, she begs the dwarf not to take her child. The dwarf agrees, but only if she can guess his name. When all other names fail, the palace gardener tells her the correct one — Rumpelstiltskin — and the wicked dwarf disappears forever.

p 9 minutes $1.50

RUN AWAY CHOO-CHOO (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

RUNNING WILD (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

RURAL DWELLERS IN TEMPERATE COUNTRIES (EP)

Illustrates diversified character of products as well as climate within the temperate zone and shows the influence of temperate climate on manner of life, source of food and character of people.

j-h-c-a 10 minutes $1.50

RURAL ENGLAND (TFC, Restricted to Classroom Use)

A picture of an English countryside which shows life in a rural village.

j-h-c 9 minutes $1.85

RURAL HIGH SCHOOL (UW)

Students in a large rural high school reply to a letter from foreign students and explain, via the film, their school and home life in America. Includes scenes of the school, classes, social activities, and students' homes.

h-c-a 18 minutes $3.00

RURAL LIFE OF MEXICO (C, Color)

Camera scenes from deep in rural Mexico of primitive agricultural practices, home life, costumes, and traditional dancing.

general 10 minutes $2.70

RURAL REDEVELOPMENT (EB, Color)

A forceful reminder of our ultimate dependence on the resources of America's land, forests, and rivers. Documents some of the tragic consequences of our neglect of these resources and carefully reviews proposed programs for redevelopment.

h-c-a 20 minutes $4.00

RURAL SCHOOL LUNCHES (NFBC)

Demonstrates the difference between a hot, nourishing mid-day meal and a skimpy sandwich.

c-a 4 minutes $1.50

RURAL U.S.A. (THROUGH INDIAN EYES) (FFO)

An Indian visiting the United States by means of the Ford Foundation studies the problems of the American farmer and the methods used to overcome them.

h-c-a 60 minutes $1.50

RUSSIA AT WAR (MOT)

Presents the U.S.S.R. in terms of her war effort against Germany in World War II. Shows Moscow and the eastern limits of the German invasion, gives an idea of the size of the country, shows Russia industrialized for war, and women taking men's places.

c-a 17 minutes $2.65

RUTH (UW)

The story of Naomi and her daughter Ruth, and of Ruth's marriage to Boaz. Much of the footage was filmed in Palestine.

j-h-a 38 minutes $4.45

RX — THE STORY BEHIND YOUR DOCTOR'S PRESCRIPTION (I)

A survey of how the resources of chemical and biological science contribute to medical service throughout the world by modern manufacturing methods. Importance of control to retain standards is emphasized. Products included are ether, preventive vaccines, insulin and antibiotics. The value of a brand name is pointed out.

h-c-a 20 minutes $1.00

SACRED INDIA (MBI)

Contrasts two ancient cultures — one without Christ, the other with Christ — and depicts the work of the Catholic Missions in India (based on the travels in India of Father Lhande, S.J.).

h-c-a 33 minutes $3.70

SACRIFICE OF ISAAC (HFE)

It tells that Abram has a vision telling him to offer his first-born son on the altar. This is a custom abhorrent to him, but his absolute belief in God leads him to follow the vision. When the sacrifice is about to be made, the Lord indicates that Abram is to sacrifice a goat instead.

c-a 11 minutes $1.85

SACRIFICE OF THE MASS (EB)

Introductory scenes depict the Old and New Law Sacrifices, and the vesting of the celebrant. In showing the ceremony itself, much of the filming was done close to the altar. Interpretive visions are inserted at various points to emphasize the significance of the Mass.

i-j-h 30 minutes $3.70

SADLER'S WELLS BALLERINA (McGH, Color)

Deals with the younger, experimental group of the Sadler's Wells ballet, centering around Patricia Miller, a young ballerina about to make her debut in Ravel's "Beauty and the Beast." The life of the closely-knit community of artists, rehearsals, and parts of an actual performance are seen.

h-c-a 12 minutes $4.25

SAFE AIRCRAFT (CAA)

Tells how CAA and the aviation industry work together for safety during the manufacture and maintenance of aircraft. It is a sequel to "A Plane Is Born," but is complete in itself.

h-c-a 24 minutes Handling charge, $1.00

SAFE AIRMEN (CAA)

Deals with CAA's aviation safety agents' work toward improvement of flight safety through insistence upon and certification of the proficiency of all airmen.

h-c-a 22 minutes Handling charge, $1.00

SAFE AS YOU MAKE IT (NSC)

One of the world's largest amusement parks serves as setting for this humorous appeal for safety. Hair-raising rides, made safe by engineering and strict enforcement of rules, are compared with average viewer's everyday tasks that can be hazardous through inattention to safe practices.

h-c-a 12 minutes $2.65

SAFE AS YOU THINK (GM)

Stresses the need for "safety consciousness" in the minds of all of us — at home, in school, on the job, or in the street. It does so by dramatizing the ridiculous chances we all take every day just to save a few seconds, how we risk life and limb on odds that no professional gambler would bet on.

h-c-a 30 minutes $3.70

SAFE DAY, A (JH)

Deals with the case of Bill Jones, a workman with a great safety record. We see him setting good examples for safety throughout his whole day — in everything he does. His safety record is not based on luck, but on constant thinking about safety. In this picture — with its unusual story — Bill Jones takes on many jobs and comes through them all without injury because he lives a safe day. This is an excellent way to establish safety practices through example.

h-c 11 minutes $1.85

SAFE DRIVING: ADVANCED SKILLS AND PROBLEMS (C)

Their vacation trip takes Tom and his father into mountain and desert country where they meet problems such as driving on hills, in fog, in rain, on snow, on ice, through hot stretches, and at night. The best procedures for handling these advanced driving problems are demonstrated.

j-h-c-a 11 minutes $1.50

SAFE DRIVING: FUNDAMENTAL SKILLS (C)

Tom has just finished his driver training course, and his father takes a ride with him to check his ability before he takes his test for an operator's license. Very careful, detailed explanation of starting, making turns, parking, starting on hills.

h-c 10 minutes $1.50

SAFE DRIVING: STREETS AND HIGHWAYS (C)

Tom and his father start on their vacation trip with Tom driving. Problems of city, suburban, and highway driving that arise are used to explain the principle of "driving ahead." Some of the specific problems and skills shown are: series signals, lanes, railroad crossings, passing, curves, and traffic circles.

j-h-c-a 11 minutes $1.50

SAFE EVERY SECOND (STO)

Centering around a typical service station, film illustrates, humorously and grimly, hazards encountered by attendants. Lack of knowledge and such "human" reactions as eyeing an attractive woman when attention should be elsewhere are shown to pay off in tragic and costly injury.

h-c-a 22 minutes $2.65

SAFE FLIGHT OPERATIONS (CAA)

Relates some of the steps taken by CAB, CAA, and the aviation industry to further safe flight operations. Specific activities of the CAA aviation safety agent in this endeavor are highlighted.

h-c-a 20 minutes Handling charge, $1.00

SAFE FOOD FOR SAFE HEALTH (UW)

Explains why and how to buy, store, prepare, and serve food to protect it from contamination.

c-a 15 minutes $3.00

SAFE LIVING AT HOME (C)

A family preparing to welcome home a new baby show that safety is a family concern, and how good housekeeping, thinking of the safety of others in the family, and being safe by being skillful help keep the home safe. Activities for classroom safety practices are suggested.

i-j 10 minutes $1.50

SAFE LIVING AT SCHOOL (C)

Ted and Ruth are elected to the Junior Safety Council. We go with them on a "safety tour" to see the safety features of their school and to learn what students can do at school to live safely. With emphasis on three basic safe living principles: courtesy, good housekeeping, skillful and correct actions.

p-i-j 10 minutes $1.50

SAFE LIVING IN YOUR COMMUNITY (C)

The need for carrying into the community safety practices learned at school is dramatized as the school safety council discovers that school rules of good housekeeping, good citizenship, and good safety practices will keep the community safe.

i-j 11 minutes $1.50

SAFE ON TWO WHEELS (AE, Color)

Uses the glamor of aviation to instill respect for the rules of safe bicycling. It is the story of a test pilot and tells how he convinced a young boy that riding safely is something to be proud of. By showing many ways in which piloting a plane and riding a bicycle are similar, "Safe on Two Wheels" delivers a safety message of lasting impact.

h-c-a 13 minutes Handling charge, $1.00

SAFE SERVICE (IVT)

Presents approach to safe and sanitary handling of food in kitchens and soda fountains. Explains how to use sanitary holders, how to fill dispensers and how to remove cups and containers from cartons.

h-c-a 15 minutes $2.65

SAFE SWIMMING (GPP)

An appeal to youngsters to swim in supervised places where there is life-guard protection rather than in the treacherous unsupervised areas. Health information is combined with the appeal to safety. It is explained that man is not naturally an aquatic animal and recommendations are made as to proper breathing in the water, protection for the ears and nose, and other safeguards. Further, from the health standpoint, the contrast between the bacterially safe water in the well-managed, supervised place and the water in rivers, streams, pits, and other unsupervised areas is shown.

i-j-h-a 10 minutes $1.85

SAFE USE OF TOOLS (C)

Designed to help teach children the safe handling of ordinary tools, such as scissors, knives, hammers, saws, files and similar tools in the home and elsewhere.

p-i-j 10 minutes $1.50

SAFEST WAY (AAA)

Shows how children are taught to plan their own "safest way."

p-i 20 minutes $2.65

SAFETY BEGINS AT HOME (YA)

Bill, walking across his yard at home, has to be as careful as Daniel Boone was in the forest. There are many ways in which accidents can happen at home, and the film shows how to avoid many of them — how to handle knives, how to use ladders for places you can't reach, keeping stairs clear and marking the last step so you'll know when you've reached the bottom. At the end, the narrator of the film asks questions which help fix main safety points of the film in the minds of the audience.

i-j 9 minutes $1.85

SAFETY IN ACTION (DRG)

Documents a number of unsafe railroad practices and offers hints to trainmen, enginemen, and maintenance of equipment men. Some points covered are riding on moving equipment, handling brake clubs and power handbrakes, safe clothing and protective equipment. Ends with shocking scenes designed to make viewers agree that unsafe practices can bring harsh treatment.

h-c-a 26 minutes $1.00

SAFETY IN AIR STATIONS (CAA)

Cites several examples of accidents and notes how each was the result of carelessness. George Hansen, who is noted for carefulness, loses his life because he overlooked one hazard: oil on the wing of a plane.

h-c-a 13 minutes Handling charge, $1.00

SAFETY IN AVIATION (CAA)

An overview of many of the activities engaged in by the Aviation industry, CAA and CAB in furthering safety in aviation.

h-c-a 28 minutes Handling charge, $1.00

SAFETY IN THE CHEMISTRY LABORATORY (IU)

Presents basic safety rules as high school students perform simple experiments. The use of laboratory aprons, safety goggles, and the laboratory manual is shown and explained. Also pictured in this sequence are such safety measures as the necessity for following directions, reading carefully the labels on bottles, the use of a fume hood, and the avoidance of tasting chemicals.

h-c 15 minutes $3.00

SAFETY IN THE HOME (EB)

Was designed to show the importance of safety in the home. A dramatization showing how the Davises, an average American family, carry out a safety program in the home. Every object has its place; junior hands knife with blade away from receiver; handrail placed by stairs; rubber toys chosen for safety; nonslip material under rugs; metal screen is put before the fireplace; light switch situated near doorway; rubber mats and handholds for the bathtub; medicine cabinet placed out of reach of children; safety can opener in the kitchen; cracked and chipped dishes and glassware are thrown away. The commentator closes with the statement: "The home should be a haven of safety.

i-j-h-c 11 minutes $1.50

SAFETY IN THE LABORATORY (BEF)

Presents safety rules while students are working in laboratories.

j-h 10 minutes $1.85

SAFETY IN THE SHOP (USOE)

Dramatizes typical shop accidents and shows how poor supervision or inadequate training may be the real cause behind them.

Emphasizes the supervisor's responsibility in teaching and maintaining safe practices in the shop.

a 12 minutes $3.00

SAFETY IN WINTER (C)

A number of youngsters demonstrate that being "weather-wise" in winter means being alert to special seasonal dangers of falling, traffic, sickness. Having fun by safe sledding, snowballing, and ice-skating is illustrated.

p-i-j 11 minutes $1.50

SAFETY ON THE PLAYGROUND (EB, B&W or Color)

Centering around the activities of an active youngster, this film illustrates good habits of playground safety. Live action photography and clever animated drawings portray safe practices in catching and batting softballs, and playing on seesaws, slides, and swings. The film emphasizes that consideration for others on the playground results in a good time for all.

i-j 14 minutes B&W $2.25, Color $4.20

SAFETY ON THE SCHOOL BUS (YA)

Designed to promote greater safety on the part of those who ride the school bus. Demonstrates safe practices for all school bus riders, both on and off the bus, with emphasis on safe conduct on the bus.

i-j 11 minutes $1.85

SAFETY ON THE STREET (EB)

There is a contest between Fred and Judy for one open place on the school safety patrol. They demonstrate what they know about safety — crossing only at corners, not dashing out from between parked cars, looking before stepping off curbs, and other "common sense" rules for safety. The contest ends in a tie, and both are put on the safety patrol.

i 11 minutes $1.50

SAFETY ON THE WAY TO SCHOOL (C)

Includes a map of the safest route, discussion of the many skills needed to walk safely to school, how to ride safely in the bus or in a car, and other activities centering around how to go to and from school.

i 11 minutes $1.50

SAFETY PATROL (JH)

Schoolboy safety patrol on duty — rules for pedestrian safety.

p-i 10 minutes $1.85

SAFETY PRECAUTIONS FOR ELECTRONICS PERSONNEL (CAA)

Describes the basic safety precautions that should be followed to avoid needless injuries and fatalities from electrical shocks when working on electronic equipment. Portrays the need for giving constant attention to one's working surroundings, lighting, tools, safety equipment.

h-c-a 18 minutes Handling charge, $1.00

SAFETY TO AND FROM SCHOOL (YA)

How and where to cross the street safely is explained. A class practices crossing streets in a blocked off area with simulated traffic conditions and two children cross alone where they must rely on their own observation.

p 10 minutes $1.50

SAFETY WITH EVERYDAY TOOLS (C)

By observing a boy and girl in an average day's activities — correctly using scissors, pocket knife, kitchen utensils, a saw and numerous other everyday tools — youngsters learn the meaning of three safety rules: keep tools neatly, use the right tools, and use tools correctly.

p-i-j 11 minutes $1.50

SAILING A TOY BOAT (EB, Color)

Frank is thrilled over the bright new toy sailboat his father has given him. He learns how to set the rudder, so that his boat will come back to him when it sails far out on the pond. Jean's doll is the boat's passenger. When the waves wash her overboard, it is brave Penny who swims to Dolly's rescue and brings her safely back to Jean.

p 5 minutes $1.60

SAILING IN CANADA (NFBC, Color)

The thrill of sailing as it is enjoyed in Canadian waters from the Atlantic to the Strait of Georgia. To the rollicking accompaniment of sea chanties, the film takes us cruising up the St. Lawrence, on the Great Lakes, in Muskoka waters, on Lake Winnipeg and off Canada's Pacific coast. Popular types of sailboats are shown in action, and we catch glimpses of famous races.

general 11 minutes Handling charge, $1.00

SALEMANSHIP SERIES: APPROACH (McGH)

The principles for the right approach are demonstrated. What happens with the negative approach is shown in relationship to what will happen if the right approach is taken.

c-a 10 minutes $2.00

SALESMANSHIP SERIES: MAKING THAT SALE (McGH)

Provides a quick review of the steps leading up to the close of the sale.

c-a 14 minutes $3.00

SALESMANSHIP SERIES: THE PREAPPROACH

The principles for the correct preapproach are demonstrated. Shows what happens if the wrong approach is used and the results of the right planning for the approach.

c-a 10 minutes $2.00

SALESMANSHIP SERIES: PROSPECTING (McGH)

The proper principles for prospecting is shown. A demonstration is given as to what will happen if the prospecting isn't done in the correct manner and what will happen if it is done correctly.

c-a 10 minutes $2.00

SALMON RUN (NFBC, Color)

Shows the salmon industry of British Columbia and the state of Washington, with particular emphasis on the life cycle of the Sockeye salmon, its spawning habits, and conservation measures.

j-h-c-a 21 minutes $4.25

SALMON STORY (EB, Color)

After portraying basic stages in the life cycle of the salmon, the film calls attention to the steps that are taken by modern fish hatcheries to insure a continuing supply of this important food fish. Various methods of catching salmon, both traditional and modern, are shown — the "purse seine" method is featured as the one most commonly in use today. Following the catch from the sea to the cannery, the film depicts canning operations including cleaning, scaling, removing of heads, canning, cooking, and final preparation for shipment.

p-i 11 minutes $2.70

SALT WATER WONDERLAND (SF, Color)

Photographed by Winthrop P. Moore at the Marine Studios in Florida. Pictures the color and spectacular action of marine life around a coral reef. Closeups of weird sea monsters, polyps feeding, octopi, barracuda, porpoise, etc.

i-j-h-c-a 9 minutes $2.70

SALUTE TO JOHN PHILLIP SOUSA (CFS, Color)

A 350-piece band performs Sousa's compositions, including "Stars and Stripes Forever."

j-h-c-a 10 minutes $2.70

SALZBURG (GA)

Birthplace of Wolfgang Amadeus Mozart. Captures the atmosphere of the composer's time. Symphonic Mozart score.

h-c-a 20 minutes $2.65

SAMPAN FAMILY (BFS)

Presents the story of families who live and make their living aboard the small Chinese river boats known as sampans. Pictures the Ling family as they work together doing fishing activities, housekeeping chores, preparation of food, sewing of children's clothing, drying of nets and the rowing of the boat to the night's anchorage.

j-h-c-a 16 minutes $3.00

SAN FRANCISCO (RKO)

The cosmopolitan character of the far west metropolis is shown in all of its fascinating detail.

general 18 minutes $2.65

SAND AND FLAME (USBM)

Shows how sand is transformed into glass of a number of different shapes and kinds. A sequence touches on the development of glass making and the art of the early glass blower. The greater part of the picture is devoted to picturization and voice description of the manufacture of glass articles in common use today.

j-h-c 20 minutes $2.65

SANDY STEPS OUT (SF)

This was selected by Film News as the outstanding children's film of the year. It is a nature study film, designed to familiarize children with chickens, ducks, lambs and other animals of the farm and countryside. It is a particularly good film for youngsters who seldom see country or farm life.

p-i 10 minutes $1.85

SANTA AND THE FAIRY SNOW QUEEN (EB, Color)

The Fairy Snow Queen gives life to Santa's dolls on Christmas Eve. Jack-in-the-box, Toy Soldier, Musical Doll, and other dolls dance and sing for Santa to the music of Tchaikovsky's "Nutcracker Suite" and "The Sleeping Beauty." Snoopy the Brownie tells us that he visits toys every night to see if they're being well treated by the children who own them.

p 26 minutes $10.00
(one day only)

SANTA CLAUS IN HIS WORKSHOP (COFC, Color)

Santa Claus finishes his last toy, calls his reindeer, and sets off. There is a beautiful background of Christmas choral music.

general 2 minutes $1.50
(one day only)

SANTA CLAUS PUNCH AND JUDY (UW)

A special Christmas version of the puppet classic with Santa Claus as the master of ceremonies.

general 11 minutes $2.50
(one day only)

SANTA CLAUS STORY (MSP)

Santa visits brother and sister and tells them a story of Christmas in Monkeyland and how the good little monkeys look forward to Christmas and that they have their own St. Nicholas.

p-i-j-h-c-a 10 minutes $2.50
(one day only)

SANTA CLAUS SUIT, THE (ATH, Color)

Story of the use of puppets to prove that you don't have to see a thing to believe it.

p-i-j 13 minutes $3.35
(one day only)

SANTA IN ANIMAL LAND (UW, Color)

The animals are grieved because there is no Santa for the animals. Two of them go to find Santa. Santa appoints Kitty Cat as Santa for animals. Kitty comes down the chimney with presents for all the animals and they are happy to find that there is a Santa for animals.

p 10 minutes $2.25 (one day only)

SATURDAY SPECTACLE (UI, Color)

The University of Illinois band is as much a part of the Saturday afternoon fall spectacle as the football team itself. The film shows color scenes of many of the Football Band's most famous formations over the past years.

j-h-c-a 30 minutes $5.20

SAVE MORE LAMBS (USDA)

Many lambs are born dead or die shortly after birth. This can be prevented, in many cases, by good care of pregnant ewes. A balanced diet is very important, as well as some degree of isolation from the rest of the flock. Film shows some abnormal positions of unborn lambs in the uterus and how the shepherd can assist in such cases. Care of the lambs after birth is also shown.

h-c-a 10 minutes $1.50

SAVE THAT SOIL (API, Color)

Depicts the early South, the results of the one-crop system, and the reclamation and conservation of Southern soils through the use of legumes and modern methods of soil management.

h-c-a 28 minutes Postage

SAVE THE SOIL (USDA)

A good general presentation of the problem of soil conservation.

h-c 11 minutes $1.00

SAVE THOSE TEETH (EB)

Emphasizes the importance of proper cleansing in the care of teeth, and illustrates how the teeth are affected by excessive use of refined sugar. Identifies the kind of bacteria that change sugar to acid in the mouth. Demonstrates the use of fluoride solution in the prevention of tooth decay and prescribes specific rules to be followed in the care of teeth.

p-i-j 10 minutes $1.50

SAVIOR IS BORN, THE (FOUF, Color)

The familiar Christmas story: the prophesy of Micah, the journey to Bethlehem, and the conspiracy of Herod. Costumes and settings are good. The Shepherds and Wise Men are portrayed as arriving at the stable simultaneously. All ages will find the film interesting, if not inspiring. May be used in church and church schools to supplement study of the life of Christ.

general 30 minutes $5.20
(one day only)

SAWDUST SIDELIGHTS
(TFC, Restricted to Classroom Use)

These are scenes at Ringling Brothers-Barnum and Bailey Circus winter quarters at Sarasota, Florida.

With the approach of spring, the trucks that transport the animals are given new coats of paint, their decorations and wheels freshly trimmed and striped. Animals are trained for their acts.

Performers rehearse on slack wire and trapeze. We see close-ups of attendants sawing and filing the toes of the elephants. The scene shifts to the railroad yards in a Pennsylvania town. The circus is unloading for a one-day stand. The wagons pass through the streets. We hear the barker's cries, are shown the circus tents ready to receive the public.

p-i-j 10 minutes $1.85

SAWING TEMPLATE METAL (UW)

How to use a job selector chart for width, pitch, set of teeth, and speed; how to identify raker, wave, and straight teeth; how to mount a saw blade on a band saw; how to select and adjust blade guides; how to saw to a layout line; how to chew out metal from a notch; and how to remove burrs.

h-a 17 minutes $2.65

SAWING WITH A JIG AND CHANGING BAND (UW)

Pictures the selecting of the proper band saw blades for the job; how to change blades; how to fold blades for storage; how to adjust saw guides; how to mark stock and cut to the mark; how to prepare a jig; and how to cut disks, using a jig.

h-c-a 20 minutes $2.65

SAXOPHONE IN CONCERT, THE (AF)

The possibilities of the saxophone as a solo instrument are demonstrated by the American classical saxophonist, Sigurd Rascher. He plays four works, ranging from a selection by Purcell to a rhumba by the 20th century composer, Maurice Whitney.

h-c-a 11 minutes $2.00

SCANDINAVIA: NORWAY, SWEDEN, DENMARK (EB)

Portrays the Scandinavian countries as an important region of northern Europe and illustrates their distinctive way of life. Shows ways in which the physical geography of the region influences the economic activities of the people. Illustrates typical features of the daily lives of three representative Scandinavians: a Norwegian ship's officer, a Danish farmer, and a Swedish shipyard worker. Depicts ways in which they have succeeded in wresting a modest prosperity from a region of relatively limited natural resources and suggests some of the contributions which the Scandinavian people have made to the world.

j-h-a 16 minutes $2.25

SCANDINAVIAN LANDS: NORWAY, SWEDEN, DENMARK (C, B&W or Color)

An introduction to the geography, the people, and the life in the three Scandinavian countries — Norway, Sweden and Denmark.

i-j 11 minutes B&W $1.50, Color $2.70

SCENES OF AMERICAN CITIES: MONTICELLO: HOME OF JEFFERSON (BEF, Color)

This classic mansion on top of a little mountain is both an enormous establishment and a beautifully simple home.

i-j 10 minutes $3.00

SCENES OF AMERICAN CITIES: MOUNT VERNON (BEF, Color)

This is the beautiful home of our first president, overlooking the Potomac. The house and its furnishings are as they were when Washington lived there.

i-j 10 minutes $3.00

SCENES OF AMERICAN CITIES: SOUTHWEST U. S. A. (BEF, Color)

Scenes of New Mexico, Arizona, Nevada, Utah, and California are shown in this new series of original full color photographs. Pictures the inside of Carlsbad Caverns; the Painted Desert; the Petrified Forest; Zion National Park; the Hoover Dam; and Death Valley.

i-j 10 minutes $3.00

SCENES OF AMERICAN CITIES: WASHINGTON, D. C. (BEF, Color)

Shows the Capitol, the Supreme Court, and the White House, three great memorials — the Washington Monument, the Jefferson Memorial, and the Lincoln Memorial — Robert E. Lee's old home on the Potomac, Tomb of the Unknown Soldier, the National Gallery of Art, streets and homes in Washington and Old Georgetown and many other noted places.

i-j 10 minutes $3.00

SCHOOL, THE (UW)

Shows one day's activities in an elementary school — the janitor opening the building, children on their way to school, the first grade studying and playing, and a P.T.A. meeting in the evening. Made to show the workings of an American school in foreign lands.

h-c-a 21 minutes $2.65

SCHOOL ACTIVITIES AND YOU (C)

A high school girl is planning her school activity program. Through the advice of her older brother, she learns the importance of choosing activities for their values by considering what she can learn, what her interests are, how much time she can give, and how to arrange a well-balanced program.

j-h 11 minutes $1.50

SCHOOL AND COMMUNITY (McGH)

Shows how communities can give students vocational training.

h-c-a 14 minutes $2.25

SCHOOL BUS AND YOU (PRP)

Correct procedures for boarding and leaving school and public buses, when and where to cross the street, the password game of safety slogans and many other safety practices. The functions of the Junior Patrol are shown, their services are explained as they direct the children across at intersections, maintain order at the bus stops and assist the bus driver in loading and unloading.

p-i-h-a 11 minutes $1.85

SCHOOL BUS OPERATION: BUS CARE AND MAINTENANCE, PART I (UW)

The importance of daily and weekly maintenance checks and the points to be checked: how to start, steer, and stop the bus; how to double clutch; and the importance of safe driving habits.

h-a 13 minutes $2.65

SCHOOL BUS OPERATION: PASSENGERS — DRIVING HAZARDS — SAFETY, PART II (UW)

Emphasizes the driver's responsibility for the safety of child passengers and shows, thru several typical situations, safe driving habits and safety in handling children in getting on and off the bus.

h-a 14 minutes $2.65

SCHOOL BUS SAFETY (VDE)

Shows school bus operation and maintenance, emphasizing the correct use of school bus safety patrols.

p-i-j-h 22 minutes $3.00

SCHOOL DAYS IN JAPAN (ASFL)

Vocational training, physical culture, and eradication of illiteracy are the aims of schools in Japan. This film takes us on a short inspection tour of small and large schools both in agricultural, fishing, and industrial centers. The customs and religion of the Japanese people are reflected in this school film.

i-j-h-c 10 minutes $1.85

SCHOOL FOR SURVIVAL (USCD)

Demonstrates the techniques of extinguishing a fire started by an incendiary bomb and the methods to be employed in rescue operations. Explains how communities through cooperative action can construct and operate a training facility for teaching these and other civil defense techniques.

a 20 minutes $2.70

SCHOOL HEALTH IN ACTION (O)

Shows how voluntary local health groups composed of parents and local professional people can work to achieve a healthful environment, health instruction and health services in the school.

h-c-a 27 minutes $3.70

SCHOOL IN CENTERVILLE (NEA)

Shows how education in rural schools can be geared to the problems of learning to live in the community. Seventh grade classes are seen in action at a model school in rural Virginia. Students are at work on projects which relate both to their need for knowledge and to the future roles they will take in the community they live in. The three R's aren't neglected but are integrated into meaningful study and activity.

c-a 20 minutes $2.65

SCHOOL IN COLOGNE (BIS)

German children are going back to school. Despite overcrowding and lack of equipment and teachers, the schools in the British Occupation Zone are open and doing as good a job as possible. Conditions depicted here are typical of both British and U.S. Zones in Germany. In this film a young German child tells what is being done to help under such apparent difficulties.

h-c 15 minutes $3.00

SCHOOL RULES: HOW THEY HELP US (C)

Scenes show everyday rules in action on the city street, on the basketball court, and in the school halls. When a boy tries to gain an exception to the library rules, the audience sees by analogy and example that school rules are ways to make life in school smoother and more pleasant, to facilitate fairness and safety for all, and to make it easier for people to get along together.

i-j 10 minutes $1.50

SCHOOL SAFETY COMMITTEE (SD)

A new boy at school learns the function of the school safety committee in which students patrol dangerous intersections, report violations and have meetings to discuss safety problems.

p-i 13 minutes $2.65

SCHOOL SPIRIT AND SPORTSMANSHIP (C)

When members of a high school basketball team plan retaliation against the members of a rival school the principal of the school and the team's coach stress that sportsmanship is not winning or losing the game, but playing a good game. The film shows that the actions of individuals reflect upon the spirit of the entire school.

j-h 10 minutes $1.50

SCHOOL THAT LEARNED TO EAT, THE (GMF, Color)

When 300 children and 8 teachers in a small Georgia grade school wanted to improve their nutrition standard, the children's food habits were surveyed and analyzed to determine individual and class needs. Beginning with recognition of the fact that eating habits must be improved, a community-school nutrition and health program was set up with the cooperation of the parents and the community.

j-h-c-a 22 minutes $4.25

SCHOOL — THE CHILD'S COMMUNITY, THE (UW)

The many ways a school can encourage children to accept responsibilities and share in the making of decisions that concern them are pictured by showing student participation in the "community" activities of an elementary school.

c-a 16 minutes $3.00

SCHOOL BOARD IN ACTION (AGR, Color)

Shows the workings of the school board and citizens' committee in handling a protest against subversive material in textbooks, in considering teachers' salaries, in selecting a candidate for the school board, and in discussing a bond issue for a new school.

c-a 30 minutes $5.20

SCHOOLDAYS IN THE COUNTRY (UWI)

Pictures health problems common to the one and two-room school, giving practical suggestions for solving them and for making the best use of equipment and facilities at hand.

h-c-a 15 minutes $2.65

SCHOOLHOUSE IN THE RED ((EB, Color)

Contrasts the activities of a typical one-room schoolhouse with those of a consolidated type school and shows how one community group went about solving the problem of what should be best for its children.

j-h-c-a 42 minutes $5.00

SCHOOLS MARCH ON (MOT)

The story of what happened in Woodford County, Ill., when out-moded one-room schools were eliminated by reorganization and consolidation — resulting in larger units of well-equipped and well-staffed schools. Through the efforts of local educators and interested citizens, the children of this community are being prepared to face the citizenship tasks of tomorrow.

c-a 18 minutes $3.00

SCHOOLS OF MEXICO (C, Color)

A film view of educational institutions from the modern Ministry of Education in Mexico City to remote one-room adobe schools in the rural interior.

h-c 10 minutes $2.70

SCHOOLS TO THE SOUTH (OIAA)

An inside view of the Latin American schools is seen in this film. It shows how anxious they are to improve their educational system.

j-h-c 11 minutes $1.85

SCHUBERT AND HIS MUSIC (C)

Moving along the streets and countryside of Vienna, pausing at Schubert's birthplace and at the music school where he studied, the film recaptures the tempo of early nineteenth-century Vienna which was so integral a part of Schubert's music. Out of this blending of melodious music and Viennese settings comes a greater understanding of Schubert, the mode of expression known as "romanticism," and the part it played in his music.

j-h-c 22 minutes $2.65

SCHUMANN STORY — SONG OF LOVE (TFC, Restricted to Classroom Use)

The heartwarming story of Robert Schumann's immortal compositions and the devotion of Clara, his wife, is told in this excerpt from the feature photoplay.

Although Schumann won limited recognition in his lifetime as evidenced in the film by the approval of Liszt, his contemporary, and Brahms, his pupil, he had to struggle to support his large family. Despite his objections, Clara resumes her concert career, aiding him financially and enabling him to devote himself to his composition.

In her concerts she plays numerous selections from his works including "Traumerei," "Dedication," and "Carnivale."

As conditions improve for the Schumanns, the mental illness, which beclouded the close of Robert's life, afflicts him. Following his death, Clara dedicates herself to winning recognition of his genius.

h-c-a 33 minutes $4.00

SCIENCE AND AGRICULTURE (EB)

Reveals the interdependence of science and agriculture in modern life. It describes the soybean's characteristics and problems of its cultivation and harvest. Preparation and use of soybean by-products in home and industry are treated.

j-h-c 11 minutes $1.50

SCIENCE AND SUPERSTITION (C)

A changing point of view in the philosophy of science education is reflected in this film. It is intended to teach pupils how to use the scientific method in thinking.

i-j-h-c 11 minutes $1.50

SCIENCE AND WOOD UTILIZATION (C, Color)

How research in the Forest Products Laboratory is helping conserve our forest products and finding uses for wood wastes.

j-h-c 5 minutes $2.00

SCIENCE IN BUSINESS (EP)

Charts the growth of scientific discovery and development. Shows Dr. Langmuir in some experiments with molecules. From the growth of scientific discoveries in chemistry, metals, and the use of science in traffic control, shifts to the growth of the poll method in scientifically charting the characteristics of the American people.

h-c-a 15 minutes $2.65

SCIENCE IN THE ORCHESTRA (McGH)
PART I HEARING THE ORCHESTRA

The London Symphony Orchestra conducted by Muir Mathieson demonstrates the nature of sound. A group of boys and girls assist in the demonstrations and experiments. Animation and various pieces of laboratory equipment aid the orchestra in demonstrating that sound is produced and propagated by vibration. An examination of the human ear and how it functions shows how we hear.

i-j-h 13 minutes $2.65

PART II EXPLORING THE INSTRUMENTS

Muir Mathieson conducting the London Symphony Orchestra uses the orchestra and animation to show how sound vibrations are produced in percussion, string, wood wind, and brass instruments. The tone range of various instruments is heard and shown on a large illuminated staff.

i-j-h 13 minutes $2.65

PART III LOOKING AT SOUNDS

Through the use of the audiospectrometer Muir Mathieson and the London Symphony Orchestra show how different instruments sounding the same fundamental tone produce sounds differing in quality. Through demonstration the meaning of quality, fundamental and harmonic, is made clear.

i-j-h 12 minutes $2.65

(Combined version of the three preceding films, 38 minutes, $6.00)

SCIENCE SPINS A YARN (AVC, Color)

Indicates how the expansion of any industry has important effects on purchasing habits, employment, and other fields of human endeavor. As rayon is used in more types of fabric than any other fiber, information about our first man-made fiber and the rayon industry has broad interest. Dramatized historical scenes are effectively interwoven into the theme which is laid in a modern research laboratory.

h-c-a 23 minutes $1.00

SCIENTIFIC METHOD, THE (EB, Color)

Dramatizes steps in the process of thinking known as the scientific method. Explains the principles of thought employed by all scientists and illustrates the utilization of these principles in everyday living.

j-h 12 minutes $4.25

SCOTLAND: BACKGROUND OF LITERATURE (C, B&W or Color)

Helps students understand that rugged country so they can better appreciate the spirit that springs from the land — Scotland's proud, impetuous romanticism — the inspiration of men like Scott, Burns, Stevenson, and Daniel Defoe.

j-h-c 11 minutes B&W $1.50, Color $2.70

SCOTTISH MINER (McGH, Color)

The life of a typical miner — follows him thru his working day and then to his home. Shows the difficult working conditions in the mines, the shortage of workers despite modern improvements, the food and housing shortage, and the generally unappealing nature of the mining job despite its relatively high pay.

i-j-h-c-a 12 minutes $4.25

SCOTTISH UNIVERSITIES (BIS)

For five centuries, St. Andrew's, Glasgow, Aberdeen, and Edinburgh have served the youth of Scotland and of the world. The film tells the story of the foundation and growth of these universities, and surveys the current problems of maintaining a very high standard of learning in spite of heavy overcrowding.

c-a 22 minutes $2.65

SCOUT TRAIL TO CITIZENSHIP (BSA)

Portrays scouting with the boy from nine to Senior scouting, and carries the program into the home, the farm, the city, the school, industry and the church. The advancement program is represented by a Boy Scout climbing a hill trailing the Eagle. The picture is recommended for introduction to the future of scouting.

i-j-h 24 minutes $2.65

SCRAPING FLAT SURFACES (UW)

The operations, methods, and procedures used in hand scraping flat surfaces to a surface plate are shown and explained. Hand-scraping a fuel pump body to produce a liquid-tight joint is the problem. There are five common forms of hand scrapers shown.

h-c-a 14 minutes $2.65

SCREEN ACTORS (TFC, Restricted to Classroom Use)

Contains no acting — presents the screen actors as individuals, as property owners, as tax payers, and as citizens of the picture-making community called Hollywood. They are seen in their homes living their private lives and meeting the problems of everyday life.

j-h-c-a 11 minutes $1.65

SCREEN DIRECTOR (TFC, Restricted to Classroom Use)

A typical director is followed thru his work and it shows that because he is a craftsman who works with a vast and complex tool, the director must know the inner workings and the language of a variety of jobs so that he can make the most of the almost limitless technical means at his command.

h-c-a 10 minutes $1.65

SCREEN MAGAZINE #13 (HELP FOR PAKISTAN) (UNFD)

Upon the request from Pakistan for help, the UN, in 1951, began to assist that country. Fellowships were given for study abroad to help improve the living conditions. Shows the industry and crafts of the country.

h-c-a 10 minutes $1.85

SCREEN MAGAZINE #15 (THAILAND'S STREAMS OF LIFE) (UNFD)

Describes three Technical Assistance projects taking place on the waterways of Thailand: measurements of the river barges so that building plans could be drawn and made available to other countries, improving their already well-advanced irrigation and flood control projects; and how experts from the Economic Commission for Asia and the Far East are helping in the construction of the great Chao Phya River dam.

j-h-c-a 10 minutes $1.85

SCREEN WRITER (TFC, Restricted to Classroom Use)

Analyzes a typical writer's job, emphasizing the importance of the screen writer by listing the many writers who have become producers.

h-c-a 10 minutes $1.65

SCREW DRIVERS AND SCREW JAYS (SOC)

Shows the poor driver, "Mr. Anybody," performing feats of poor driving that, while comic in presentation, point out the dangers of such driving. The common faults such as double-parking, weaving in and out of traffic, and passing on the wrong side are covered. Also included is a sequence showing the careless pedestrian and the danger to which he is subject.

h-c-a 12 minutes $1.00

SCREWBALL, THE (UW)

Woody Woodpecker goes to a baseball game.

general 8 minutes $1.50

SCROOGE (MSP)

A full-length feature picture based on Charles Dickens' immortal Christmas story, "The Christmas Carol."

p-i-j-h-c-a 65 minutes $15.00 (one day only)

SEA, THE (TFC, Restricted to Classroom Use)

Shell-less marine worms crawl among the marine plants, their prominent gills projecting from the tops of their bodies. Crabs, bearing plant camouflage, creep about. One of them tears off a piece of its plant disguise and eats it. Sea anemones open and close their tentacles. One stings a small eel and uses all its tentacles to push its prey into its stomach for digestion.

Sea urchins appear, and a hermit crab hunts for a new shell, trying to fit himself into several before finding one that suits. Barnacles wave their tentacles in an endless effort to seep food into their mouths. An octopus escapes from a crab by clouding the water with an inky material as it moves swiftly away.

i-j-h 11 minutes $1.85

SEA LION BASEBALL TEAM (COFC)

The other boys won't let little brother play baseball with them because he can't catch. Wandering off by himself he watches the sea lions catch fish which are thrown to them. He makes up his mind that if they can do so well, even without hands, he will imitate their ways and learn how to be a good catcher also. He does and is rewarded by becoming the official catcher on the baseball team.

p-i-j 14 minutes $2.25

SEA OF GRASS
(TFC, Restricted to Classroom Use)

Condensed version of the feature film of the same name. Presents the basis of the argument between the cattle men and farmers in the early west, when the cattle men wanted to keep the range open and in grass and the farmers wanted to fence it in and plow it.

general 11 minutes $1.85

SEA RESCUE EQUIPMENT FOR AIRPLANE CREWS: INSPECTION AND MAINTENANCE (CAA)

Depicts a pilot bailing out, hitting the water and using his life vest. Shows how vests are inspected prior to issue; how a cold patch is applied; inspecting the life raft; checking the survival kit; inspecting the CO^2 cylinder; packing the raft and stowing it in the airplane raft compartment.

a 25 minutes Handling charge, $1.00

SEA RESCUE EQUIPMENT FOR AIRPLANE CREWS: ONE-MAN SEA RESCUE EQUIPMENT (CAA)

Demonstrates the preflight inspection of the one-man sea rescue equipment and then shows how it is used during actual emergency conditions.

a 11 minutes Handling charge, $1.00

SEAL ISLAND (WDP, Color)

Fascinating, authentic story of drama and humor played against the rugged background of the Pribilof Islands.

Available to Illinois users only.

i-j-h 27 minutes $10.00

SEAPORTS OF THE PACIFIC COAST (C)

The film takes its audience on an exciting tour of the bustling activity in San Francisco, the ports of Puget Sound, San Diego, Los Angeles and Portland.

i-j-h-c 11 minutes $1.50

SEARCH, THE
(TFC, Restricted to Classroom Use)

The story of a child separated from his mother in a Nazi concentration camp and of her efforts to find him. After he has been befriended by an American soldier, the boy and his mother are brought together. The role of the American Soldier is played by Montgomery Clift.

h-c-a 32 minutes $3.70

SEARCH FOR HAPPINESS (McGH)

Examines modern living and its effect upon mankind. It airs some of the problems of man and how he attempts to solve or escape them. Shows man turning for advice and counselling wherever it is proffered and, with unflagging optimism, buying potions and pills, following the advice of astrologists and numerologists, adhering faithfully to such mail order courses as muscle building — always certain that a miraculous solution of all his problems is just around the corner.

h-c-a 17 minutes $2.25

SEARCH FOR SECURITY (ILI)

Traces the origin and development of life insurance from the insuring of ship captains against death during a voyage or capture by pirates. Animated sequences explain the operation of modern life insurance, showing what happens to policyholders' premium payments. Dramatizations show the versatility of life insurance in meeting various individual and family needs.

general 17 minutes Handling charge, $1.00

SEARCHLIGHT ON THE NATIONS (FON)

A picture of the role modern communications — press, radio, films and television — is playing in world affairs, especially in the work of the United Nations, and the ways in which communications can be used to spread knowledge essential to the peace and welfare of the world.

general 20 minutes $2.65

SEASHORE LIFE (EB, Color)

Provides an experience in ecology through a portrayal of life on the three important kinds of sea-shores — the sandy beach, the rockpool, and the mud flat. Shows ways in which representative seashore animals are adapted to survive in their special environment and how they feed, move, and compete with other kinds of animal life with which they come in contact.

p-i 11 minutes $2.70

SEASONAL CHANGES IN TREES (C, Color)

Is an excellent introduction to scientific study of trees, a rich background for reading and language activities about trees, and a basis for many study activities, including supervised field trips. Classification, seasonal aspects, and careful observation are stressed throughout.

i-j-h 11 minutes $2.70

SEASONS, THE (TFC, Restricted to Classroom Use)

Animated drawings explain the factors which cause the seasons. Tilt of the earth's axis, revolution of the earth around the sun, etc., are shown and their effects explained.

i-j-h 22 minutes $3.00

SEASONS OF THE YEAR (C, B&W or Color)

Scenes of the four seasons of the year, and the activities of those seasons. Shows how plant and animal life protect themselves and lie dormant during the winter, but come to life again during the spring and summer.

p-i 11 minutes B&W $1.50, Color $2.70

SECOND CHANCE (BFC)

Tells the story of a couple who had started their married life with a vital interest in Christian ideals and all else that their church stood for, but who, upon reaching middle age, suddenly discovered that somehow an exaggerated sense of home and social responsibilities had robbed them of security in the Christian faith.

a 75 minutes $15.00

SECOND SIGHT (McGH)

Describes the work of the Guide Dog Foundation at Smithtown Branch, Long Island, in the training of blind persons and seeing-eye dogs. Demonstrates through the experience of a blind man how dog and master learn to work together.

j-h-c-a 18 minutes $2.65

SECONDS COUNT (AE)

Teaches the Nielson back-pressure arm-lift method of artificial respiration. Shows proper application of technique, way to change operators during application, and stimulants to give victim after he revives.

j-h-c-a 8 minutes $1.50

SECRET OF THE FJORD (TFC, Restricted to Classroom Use)

This film was made by Father Hubbard during an expedition in Alaska. They discover huge glaciers by following the Fjord.

j-h-c 11 minutes $1.85

SECRETARY TAKES DICTATION, THE (C)

The procedures and practices in taking dictation in a modern office, including the handling of rush items, telegrams, office memos, corrections and insertions are shown.

h-c 11 minutes $1.50

SECRETARY TRANSCRIBES, THE (C)

The details of transcribing in a business office, emphasizing habits beyond knowledge of shorthand and typing which differentiate a good secretary from a stenographer are shown.

h-c 11 minutes $1.50

SECRETARY'S DAY, THE (C)

The daily activities of a secretary are compared with those of a stenographer to show the added responsibilities and duties; handling callers, appointments, telephone calls, filing and many other details of office procedure.

h-c 11 minutes $1.50

SECRETS OF SUCCESS: HUCKLEBERRY FINN (TFC, Restricted to Classroom Use)

A short sequence in which Huck decides to run away from the Widder Douglas. Same film as ADVENTURES OF HUCKLEBERRY FINN: SHORT VERSION.

j 10 minutes $1.85

SECRETS OF SUCCESS: THE BAND PLAYED ON (TFC, Restricted to Classroom Use)

Four "toughs" are trained to work together on the football field and eventually become stars. Although friction develops when they are scouted for professional ball, they return to their former coach and help him win the game.

j 10 minutes $1.85

SECRETS OF THE POND (AL)

Shows the wide variety of animal and plant life inhabiting the ordinary country pond, including microscopic organisms.

p-i-j 10 minutes $1.85

SECTIONAL VIEWS AND PROJECTIONS, FINISH MARKS (USOE)

Shows the different types of lines — dimensions, center, cross section, and object; the projection of a sectional view; the locations and uses of finish marks; and the meanings of standard cross-section lines denoting types of materials.

c 15 minutes $3.00

SECTIONS (McGH)

Some objects have important interior details which may show as a confused mass of dotted lines on the regular exterior views. The remedy for this is the sectional view, formed by the imaginary cutting away of part of the object to reveal interior details and make it easier to read the drawing. The film goes on to explain various symbols used in sectioning — section lining, cutting plane lines, directional arrows and reference letters. The construction of a full sectional view is demonstrated. (For other titles in this series see AUXILIARY VIEWS PART I.)

h-c 10 minutes $1.50

SECTIONS AND CONVENTIONS (McGH)

Film indicates that on regular exterior views important interior details of an object may often show as a confused mass of dotted lines, and demonstrates that the sectional view is the remedy. Conventional principles and practices always followed in constructing sectional views are described, as well as conventions followed in special instances such as drawing a handwheel, or sectional views of drilled flanges, ribs, and webs. (For other titles in this series see ACCORDING TO PLAN: INTRODUCTION TO ENGINEERING DRAWING.)

c 15 minutes $2.25

SECURE THE BLESSINGS (NEA)

Dramatizes the role of the public school in a democracy. Five main characters, a farmer, a businessman, a labor leader, a housewife, and a Congressman are faced with everyday problems. How they solve these problems is, to a great extent, determined by the kind of education they have received in our public schools. The film points out that one of the best places to learn to respect the rights and understand the problems of others is in a public school.

h-c-a 30 minutes $3.70

SEE BETTER: HEALTHY EYES (C)

How can we take care of our eyes? Why should we take care of them? In answering these two basic questions, this film explains the general structure of the eyes, the important health and safety practices relating to eye care, and the common ways to treat disorders of vision.

p-i 11 minutes $1.50

SEED DISPERSAL (EB)

Presents many interesting ways by which seeds of plants are scattered in order to insure the propagation of the species. The methods illustrated include dispersal by the wind, transportation by animals, and forceful propulsion from the seedcase. The dramatic value of these examples is increased by the use of time-lapse photography. Attention is given to the germination of seeds under various conditions. The struggle for survival in the plant world is vividly portrayed.

i-c 11 minutes $1.50

SEED OF THE CONSTITUTION (NA)

Dramatization of Benjamin Franklin's plan for a union of the colonies under the British crown, presented to a convention of colonial commissioners at Albany in 1754.

h-c-a 11 minutes $1.85

SEEDS AND SCIENCE THE WESTERN WAY (SPS, Color)

Shows the experimentation with alfalfa, the growing of alfalfa for seed, the types of alfalfa better suited for various parts of the country. Pictures the preparation of the field for seed growing, the polination by insects, the gathering and cleaning of seeds for shipment.

h-c-a 30 minutes $1.00

SEEDS OF DESTINY (FON)

The grim and tragic story of hunger and destitution which follow war. Points out that these conditions are today's threat to the lives and health of millions of children in Europe and Asia, and tomorrow's threat to a world seeking peace.

h-c-a 20 minutes $2.65

SEEDS OF DESTRUCTION (EB, Color)

An ominous film conveying the message of urgency and need for conservation of our resources, reveals with thundering intensity the results if any of the links in the chain are broken. Unscientific lumbering processes, devastating forest fires, uncontrolled wind or water erosion, overworked land and roaring floods are shown as the awesome implements which can destroy our world unless man acts in time. (For other titles in this series see ARTERIES OF LIFE.)

j-h 11 minutes $2.70

SEEING EYE, THE
(TFC, Restricted to Classroom Use)

The story of the work done at Morristown, N. J., where German sheep dogs are trained to lead the blind.

The dogs are bred on the farm and we see the pups that show the best dispositions and highest intelligence being selected for training. We hear that they are trained to be alert, to avoid obstacles, to walk safely through traffic, and to ignore distractions.

A blind man arrives at the farm. A dog is selected for him, and they are given training together. There are scenes showing blind men busy at various vocations, their faithful dogs with them.

p-i-j 11 minutes $1.85

SEEING GREEN (JH)

Shows how the inside of the traffic light works.

i-j-h 10 minutes $1.85

SEIFRIZ ON PROTOPLASM (UPE)

Discusses Micrurgy, Anesthesia, Toxicity, Stimulants, Fusion, the streaming of protoplasm and Torsion, and by dealing principally with the slime mold Physarum, shows that the Relevance to all biological studies lies in the great similarity in constitution and activity of all protoplasm, wherever found.

c-a 26 minutes $4.35

SELECTED NEGRO SPIRITUALS (EB)

Three Negro folk songs, "Nobody Knows De Trouble I See," "Joshua Fit De Battle Ob Jerico," and "Deep River" are beautifully sung and dramatized in this film. These classic songs give voice to the emotional life of the American Negro and contain a record and revelation of his deeper thoughts.

general 10 minutes $1.50

SELECTED NEGRO WORK SONGS (EB)

The well-blended voices of a mixed chorus bring us two of the songs which the Negro sang at his work out of doors. "Let the Church Roll On," and "Dis Ol' Hammer" are examples of songs which were improvised by the Negro as he toiled.

general 10 minutes $1.50

SELECTED SONGS OF JAMES A. BLAND (EB)

This film dramatizes two of the favorite songs of the Southland — "Carry Me Back to Old Virginny" and "O, Dem Golden Slippers." We are made aware of the spiritual quality of the Negro people as we listen to these songs sung by an a cappella choir.

general 10 minutes $1.85

SELECTED SONGS OF STEPHEN FOSTER (EB)

Against a background of a beautifully blended chorus, this film dramatizes two of Stephen Foster's best loved songs — "My Old Kentucky Home" and "O Susanna." The film reveals the natural, unaffected, and spontaneous charm of these classics of the Southland.

general 10 minutes $1.85

SELECTING HENS FOR EGG PRODUCTION (UW)

Explains the principles and importance of selecting "producers" among laying hens; shows desirable and undesirable birds and the best culling practices. Prepared primarily for television.

h-c-a 5 minutes $1.50

SELECTION OF DIMENSIONS (McGH)

Principles governing choice of dimensions are introduced and shown to be based on two factors: (1) functional characteristics of the object including consideration of accuracy demanded, and relationship of the portion to other elements of the unit or machine, and (2) manufacturing methods used in making the object. (For other titles in this series see According to Plan: Introduction to Engineering Drawing.)

c 18 minutes $2.65

SELECTION OF FRUITS AND VEGETABLES (UW, Color)

A demonstration film showing three points for consumers to consider in buying fruits and vegetables.

h-c-a 16 minutes $4.25

SELF-CONSCIOUS GUY (C)

Feelings of self-consciousness keep a high school boy from doing his class work well or making friends easily. He discovers many of his classmates suffer from similar feelings, but that several of them have overcome these feelings and developed poise and self-assurance. The boy works to become better adjusted by thinking about others, developing skills, taking part in activities, and finally by developing a perspective on his own relationship to the social situations in which he moves and lives.

j-h-c-a 10 minutes $1.50

SELLING AMERICA (JH)

Certain principles practiced by Benjamin Franklin and applied to modern day selling are dramatically presented in this film.

j-h-c 22 minutes $2.65

SELLING AS A CAREER (C)

Explains that the job of a salesman is to bring his goods or services to the attention of the consumer and to help the consumer to buy. Follows the activities of a salesman showing how he prepares to meet his customers and how he organizes his work. Describes various ways in which young people can prepare for various careers in selling.

h-c-a 10 minutes $1.50

SEMINOLE INDIANS (IFB, Color)

Seminole life on the hummocks of the Everglades in Florida has not been changed appreciably by the white man. This film is a serious study of these people as they live and work in their natural surroundings. Especially prepared for later elementary and junior high school social studies.

i-j-h-a 11 minutes $3.00

SEMINOLES OF THE EVERGLADES (AS, Color)

This film tells the story of the Seminole Indians, who sought seclusion and independence in Florida's swampy everglades, and who now are being forced into a new world and a new way of life. Other films in this series are: Miracle on the Mesa and Pueblo Heritage.

general 20 minutes Handling charge, $1.00

SEMPER PARATUS (UW)

The background for the U.S. Coast Guard marching song. Tells the whole story of the Coastguardsman's training and the job he does.

j-h-c-a 4 minutes $1.00

SENDING RADIO MESSAGES (EB)

The basic principles of radio transmission are shown by animated drawings. The operation of the microphone, transformer, and the modulator, is graphically explained. Fundamental concepts such as sound waves, direct currents, alternating currents, voice current, carrier wave, and amplification are explained. Photographic scenes are used to reveal the importance of radio and to illustrate operating units in a modern transmission station.

j-h-c 11 minutes $1.50

SENIOR PARTNER (ULS)

Tells the story of Andrew Keiding, a missionary-minded Lutheran layman, founder of the Keiding Paper Products Company in Milwaukee, Wisconsin. A tithe of his own personal income, that of his employees, and of the entire business is contributed to support foreign missions.

h-c-a 30 minutes $3.70

SENSITIVITY OF PLANTS (NA)

Simple laboratory experiments reveal the sensitivity of plants to be no less than human sensitivity to outward stimuli. Plants are subjected to electric shock, carbon dioxide, heat, gravity, light, ether and reactions are visualized by means of time-lapse photography and the high speed lens.

j-h-c-a 11 minutes $1.85

SERIES AND PARALLEL CIRCUITS (EB)

Clarifies, with simple demonstrations, the relationships between resistance, current, and electromotive force, in series circuits and in parallel circuits. Illustrates these relationships by computing resistance of a toaster and a lamp, and amperage of a soldering iron. Demonstrates clearly the advantages and disadvantages of both types of circuits. Describes a simple series-parallel combination and offers appropriate examples.

j-h 10 minutes $1.85

SERVANT OF MANKIND (TFC, Restricted to Classroom Use)

A "film-sketch" of Thomas A. Edison and his contribution to posterity.

h-c-a 11 minutes $1.85

SERVANT OF THE PEOPLE (TFC, Restricted to Classroom Use)

The story of the making of the American constitution. The film begins by depicting the confusion that arose under the Articles of Confederation: scenes show the Vermont farmers being stopped at the Massachusetts state line and people in New York refusing Rhode Island money. Washington, Hamilton, and Madison discuss the seriousness of the situation. The ensuing Constitutional Convention is accurately depicted, with the various arguments and agreements during its course. The Virginia plan and the New Jersey plan are presented from the floor. Arguments arise over the slavery question. Benjamin Franklin helps to bring about a compromise. Finally the first signers are shown putting their names to the Constitution.

An excellent account of the Continental Congress.

j-h-c 22 minutes $3.50

SERVICING AN AIRPLANE (CAA)

Shows how to perform the various routine servicing operations on a light airplane, including proper and safe methods of pushing a plane on the ground, cleaning an airplane, refueling, changing the oil, inflating tires, and starting the engine. Shows hand signals for guiding the pilot. Emphasis throughout the film is upon the importance of the job and doing it safely.

h-c-a 17 minutes Handling charge, $1.00

SERVICING THE AVIATION SPARK PLUG (CAA)

Shows the parts and indicates the proper care, adjustment, cleaning, and assembly of aviation spark plugs; the care necessary in removing spark plugs from an engine; the utilization of the various specialized equipment developed to clean the spark plugs; the assembly of a spark plug, the maintenance of the cleaners, and the adjustment of the gap. Presents a brief history of the development of the specialized spark plugs used in aviation engines.

h-c-a 23 minutes Handling charge, $1.00

SEVEN LITTLE DUCKS (BFS)

Shows how Carol, a six-year-old girl, helps to care for a family of Muscovy ducks which she keeps as pets in her back yard. Simple methods of feeding, watering, housing and fencing in for protection are demonstrated.

p-i 11 minutes $1.85

SEVENTH INFANTRY DIVISION (UW)

Shows the training of the 7th Infantry Division at Ft. Ordnance, Calif.; action of the Division in four major campaigns — Attu, Leyte, Kwajalein, and Okinawa; and occupational duties in Korea.

h-c-a 22 minutes $2.65

SEWING (EB, Color)

A junior high school student is followed step-by-step as she finds a pattern, selects material, and sews the dress. Sewing is emphasized as being a hobby which is both enjoyable and practical.

j-h 12 minutes $3.00

SEWING: ADVANCED SEAMS (YA)

Demonstrates construction of French, slot, flat fell, welt, tucked, and piped seams.

h-c 11 minutes $1.85

SEWING: CHARACTERISTICS AND HANDLING OF MATERIALS (YA)

Explains the uses of various materials in specific clothing problems, and an essential understanding of fabrics.

h-c 10 minutes $1.85

SEWING: FITTING A PATTERN (YA)

Explains why standard dress patterns frequently need to be adjusted to the individual, and demonstrates how such alterations are made so as to insure the best possible fit of the garment.

j-h-c-a 10 minutes $1.85

SEWING FUNDAMENTALS (YA)

Demonstrates and explains the function and use of some of the fundamental tools used in sewing — needles, thimbles, measuring gauges, pressing tools, etc.

h-c 10 minutes $1.85

SEWING: PATTERN INTERPRETATION (YA)

Explains how the seamstress interprets the important marks and symbols on dressmaking patterns, in terms applied to McCall, Simplicity, Butterick, and Vogue patterns.

h-c 10 minutes $1.85

SEWING: SIMPLE SEAMS (YA)

Demonstrates construction of plain seams, with edges pinked, edges overcast, stitched, bound, catch-stitched, and top-stitched.

h-c 10 minutes $1.85

SEWING: SLIDE FASTENERS (YA)

Clearly explains the step-by-step procedure used in fitting and sewing a slide fastener into a blouse, a skirt, and a dress.

h-c 10 minutes $1.85

SHADOWS AND ECLIPSES (UW)

A series of demonstrations illustrate some sources of light and the properties of light. By means of animated diagrams the formation of shadows and eclipses is explained. Actual photographs of recent eclipses are used to show the sun in total eclipse, the sun's corona, the earth's shadow moving across the moon. The law of reflection is demonstrated, as are the properties of images in plane mirrors.

j-h-c-a 10 minutes $1.85

SHAKESPEARE'S THEATRE: THE GLOBE PLAYHOUSE (UC)

The Globe Playhouse is reconstructed to show how the stage may have been used for the production of Shakespeare's plays.

j-h-c-a 18 minutes $3.00

SHAPE DESCRIPTION PART I (McGH)

The film begins by demonstrating the inadequacy of a written or spoken description, or of a perspective sketch, when the designer of an object wants to tell others exactly how to build it. The only accurate method of conveying this information is to make several drawings showing how the object looks from different points of view. The film then describes orthographic projection, utilizing a combination of animated diagrams and animated photography of specially prepared models to provide unusual three-dimensional effects. (For other titles in this series see AUXILIARY VIEWS PART I.)

h-c 10 minutes $1.50

SHAPE DESCRIPTION PART II (McGH)

The step-by-step procedure of constructing a drawing is demonstrated, and reasons for each step are explained. The film follows through on one drawing and establishes certain principles of procedure which the student can apply in making drawings of his own. In conclusion, the film stresses the importance of clarity, accuracy, and readability in all drawings. (For other titles in this series see AUXILIARY VIEWS PART I.)

h-c 8 minutes $1.50

SHAPE DESCRIPTION

Same as above on one reel.

h-c 19 minutes $2.65

SHAPER, THE (USOE)

Functions, characteristics and basic operations of the shaper.

j-h-c-a 15 minutes $3.35

SHARING ECONOMIC RISKS (C)

Insurance is defined and illustrated. Bill, a high school boy, loses his bike through theft. This loss illustrates the economic risks which all people face, and ensuing action illustrates aspects of property and life insurance, and the principle of sharing economic risks. This is an especially effective film for use in the social studies and business education.

j-h 11 minutes $1.50

SHARING WORK AT HOME (C)

Shows the importance of cooperation to happy family life and the steps toward improved family living. It is a picture for home economics, language arts, social studies, and all other groups in which family relations are studied.

j-h-a 11 minutes $1.50

SHARPENING A PLAIN HELICAL MILLING CUTTER (UW)

How to mount the helical cutter on an arbor, how to arrange the four elements in the same horizontal plane, how to sharpen the secondary clearance angle, and how to check and adjust for taper in grinding the primary clearance angle.

h-a 16 minutes $2.65

SHARPENING A SIDE MILLING CUTTER (UW)

How to identify the parts of a cutter, how to select and mount the correct grinding wheel, how to mount the cutter, how to set up the grinder for sharpening, how to set the correct clearance angle, and how to check for correct width of land.

h-a 23 minutes $2.65

SHEARING AT BIG BILLABONG (ANIB, Color)

Wool shearing at a New South Wales shearing center.

h-c-a 11 minutes $2.70

SHEEP DOG (EFLA)

Describes a typical day in the life of Tom, a Welsh shepherd; his dog, Scott; and his horse, Topsy. It portrays the dog's efficiency in caring for the flock of sheep and in handling Tom's horse. The film also depicts the intimate relationships between the ewes and their lambs and shows what menaces threaten the security and well-being of the flocks in the mountains and the means for protecting them.

p-i 11 minutes $1.85

SHEEP RANCH COUNTRY — AUSTRALIA (UW)

This film lesson demonstrates that pastoral industries (with sheep dominating) and wheat farming are well suited to semi-arid lands which are sparsely populated and isolated from markets. This principle is shown to apply to Australia, where the economy is dependent upon foreign trade with sheep products, wheat, and flour the most important exports. Because the country is so dependent upon trade, many people live in a few large seaports. Some manufacturing is carried on, based on local raw materials and protected home markets. The film presents the contrast between the mode of life of the people on the sheep ranches with that of the people in the industrial centers where the growing steel and textile industries are being developed.

i-j-h 22 minutes $2.65

SHEEP SHEARING (USOE)

One of a series of films on livestock produced by the United States Office of Education. It shows how to handle sheep for shearing, indicating the relative positions of the shearer and the sheep during each shearing step. The step-by-step procedure in shearing is demonstrated, as well as the methods of rolling and tying the fleece.

h-c 21 minutes $2.65

SHEET METAL WORKER (VGF)

The worker in the general sheet metal shop must have far more knowledge of the vocation than a production line operator, since the work is more varied, involving a thorough knowledge of arithmetic and of angles and skill in the handling of tools. The special qualifications for this job, as well as the opportunities for the utilization of their skills by the trained technician, are shown in this film.

j-h-c 11 minutes $1.85

SHELL FISHING (EB)

An overview of the oyster, crab, clam, and lobster fishing industries on the eastern coast of the United States is provided by this production. Preparing the oyster beds, planting, dredging for mature oysters, and their preparation for market make up the oyster sequence. Luring crabs to their nets with baited lines crab fishermen find to be both sport and work. Clam fishermen, under the supervision of conservation agencies, are revealed planting, harvesting, and preparing their crops for market in a manner similar to the methods of the oyster fishermen. Lobstermen, after dumping their catches from baited traps, take the lobsters to nearby factories.

i-j-h 11 minutes $1.50

SHELTER (EB)

Is a pictorial delineation of the major concepts in the evolution of shelter. It shows first, primitive shelter construction, from materials close at hand. It traces man's growing ability to change the form of these materials, and how transportation increased the variety of his supply; finally the high specialization of effort in constructing modern kinds of shelters, each designed for a special purpose. Examples range from the African grass huts and Eskimo igloos to modern skyscrapers, apartment buildings and individual homes.

i-j 11 minutes $1.50

SHEP — THE FARM DOG (EB)

Shows an attractive collie dog during his busy day about the farm. Herding the cows to pasture; routing the chickens from the garden; eating breakfast; pursuing a woodchuck; hiking and swimming are shown.

p-i-j 11 minutes $1.50

SHEPHERD OF THE SEVEN HILLS (MBI)

Shows the election and first appearance of Pope Pius XII during the life of Pope Pius XI.

p-i-j-h-c-a 72 minutes $8.00

SHERIFF CAME, THE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

SHOOTING IN BASKETBALL (EB)

Stance, action of throw, aim, trajectory, ball control are illustrated in slow motion, animation and normal speed.

j-h-c 10 minutes $1.50

SHOP DRAWING (PART I) (FP)

Introduces the student to the elements of engineering drawing. An explanation of the established practice of drawing the horizontal, vertical, and profile views is given. The various conventions utilized in engineering drawing practice such as correct dimensioning procedure, cross hatching, and sectioning are explained in some detail.

j-h-c 11 minutes $1.85

SHOP DRAWING (PART II) (FP)

A description is given of the recognized procedure used for drawing various types of curves and contours. Other symbols used in engineering drawing are presented. The major part of this film, however, is devoted to the important idea that it is the draftsman's responsibility to produce a neat, accurate, and detailed drawing which the machine shop man can readily interpret. The need for providing the machine shop man with the sufficient number of views of the object is stressed.

j-h-c 11 minutes $1.85

SHOP KEEPER MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

SHOP PROCEDURES (McGH)

This film shows how finished drawings are used as detailed instructions in every step of manufacturing. From the drafting room, the drawings are seen going to the blueprinting machine to be reproduced by dozens or hundreds and distributed to all those workmen who will have a part in making the finished product. The film then shows many of these workmen at their jobs using blueprints — in the pattern shop, the foundry, the forging shop, the machine shop, and the assembly shop. (For other titles in this series see AUXILIARY VIEWS PART I.)

h-c 17 minutes $2.25

SHOP SAFETY (UW)

Discusses the causes and prevention of accidents, and safety rules which apply to arc and gas welding, hoisting methods, working with machinery and on engines, use of tools, lifting and pushing heavy objects, and handling of gasoline.

h-c-a 28 minutes $3.70

SHOP STEWARD (McGH)

Dramatized presentation of the role of the shop steward in the effective day-to-day functioning of the union. Shows how Johnny Walachuck is elected shop steward by the men in his section and the part he plays in the day-to-day relations with the company. It is told in Johnny's own words.

c-a 22 minutes $3.25

SHOT PUT (UW)

Demonstrates styles to fit varying physiques, control of tension, finger and hand grip, and wrist snap, foot positions, etc.

h-c-a 11 minutes $2.65

SHORT STOPS (JH)

Explains the operation of the perfected hydraulic brake. The effect of speed and road surface on stopping distance is shown and expert drivers explain how to use brakes most effectively for smooth and safe stops.

j-h-c 11 minutes $1.85

SHOWN BY REQUEST (BIS)

Presents the story of nontheatrical (16mm) film distribution in Britain. Mobile units take films to audiences which have no projector and the government's central film library sends films by mail to people with privately or community owned projectors. Shows the organization of a film library in some detail.

h-c-a 20 minutes $2.65

SHOWTIME (UWI)

Traces the development of a play from an idea in the author's mind through to the time it's presented on a stage. Especially designed for schools interested in producing their own plays. Useful for clubs, senior high school and college speech and English classes and for teachers who supervise such activities.

j-h-c-a 22 minutes $3.00

SHRINE OF A NATION — WESTMINSTER ABBEY (BIS)

The history of Westminster Abbey is the history of England. Here Parliament once met; here for centuries the Kings and Queens of England have been crowned; and here are buried illustrious Englishmen of all times — sovereigns, statesmen, poets, scientists, musicians. Westminster Abbey is a fine example of early English architecture. Shots include the Coronation of King George VI.

general 14 minutes $3.00

SHY GUY (C)

Shyness is a real problem to many adolescents. The film illustrates some methods of overcoming shyness and so is valuable for general use both with adolescent groups, teacher training and parent groups.

j-h-c 15 minutes $2.25

SHYNESS (McGH)

The causes of abnormal shyness in children, and how, through a greater understanding by parents and teachers, this problem may be dealt with. First the lonely existence of a typically shy adult is pictured and then the film turns to a study of three children. From a study of their conditions you see the confidence-destroying demands of parents which predisposed the children to shyness. The teacher, psychiatrist and the parents then bring about a change in the children's attitudes.

c-a 23 minutes $3.70

SICILY: KEY TO VICTORY (OWI)

The record of the Canadian First Division in the Sicilian campaign. With the aid of animated maps, the advance of the Canadians is shown town by town. The story cuts back to Canada, to the war workers standing behind the army, demonstrating the essential link between war front and home front, which is the real key to victory.

h-c 20 minutes $2.65

SIGHT AND SOUND (NFBC)

Shows the use of audio-visual aids and stresses their value in education. The examples given illustrate how (by means of a film) a class of children "jump a continent" to visit Mexico, how a filmstrip on cut-outs stimulates creative activity, and the use of a radio broadcast in a history class.

c-a 11 minutes $1.85

SIGN OF DEPENDABLE CREDIT (USDA)

Gives a picture of how farmers, ranchers, and stockmen may receive financial aid from the Production Credit Association and the plan laid out for repayment.

h-c 20 minutes $2.65

SILENT NIGHT (AUMC, Color)

The Christmas carol is sung by a choir against an appropriate background.

p-i-j-h-c-a 4 minutes $2.50
(one day only)

SILENT NIGHT, HOLY NIGHT (UW)

The words of the Christmas hymn appear on the screen for audience participation.

general 5 minutes $1.25
(one day only)

SILENT NIGHT — STORY OF A CHRISTMAS CAROL (C, B&W or Color)

How the famous Christmas Carol, Silent Night, was written by an Austrian Priest, Father Mohr, in a small Austrian village in the early 1800's and was spread throughout the world.

i-j-h-c-a 15 minutes B&W $4.00,
Color $10.00 (one day only)

SILENT SANCTUARY (HOP)

Shows the daily life in the abbey and the steps of the novitiate to full status in the brotherhood of the Trappist Monks.

j-h-c-a 17 minutes $2.65

SILENT WAR, THE (OIAA)

The story of the war against yellow fever now being waged by scientists in the jungles of Colombia is related in this film. It shows how vaccine is made, dried, frozen, and transported by mule-pack to a town in the jungles of Colombia and how yellow fever is slowly being conquered in equatorial South America. It also describes how this research is making United Nations jungle fighters immune to the dread disease.

j-h-c 10 minutes $1.25

SILK SCREEN TEXTILE PRINTING (BFS, Color)

Selects a dress material design and translates it into a silk screen stencil and textile print. Shows use of swivel stencil knife, lacquer film, lithographer's crayon, liquid tusche, registration board. Explains basic silk screen process. Suggests use of this method of printing for Christmas cards, screen process, place mats, and other gifts as well as for dress and drapery textiles.

j-h-c-a 11 minutes $3.00

SILKS AND SULKIES (NFBC, Color)

The thrill of harness racing on Prince Edward Island, with a glimpse behind the scenes at the training of a colt for this sport. We follow Bellhop's career as a pacer, from his unwilling introduction to harness through trials with a bicycle sulky to his first big race. Climax of the film comes with scenes of this mixed race of trotters and pacers at Charlottetown's Old Home Week.

general 11 minutes Handling charge, $1.00

SILOS FOR GRASS AND LEGUME SILAGE (PCA, Color)

Presents the beneficial use of silage; shows the advantages gained from having concrete silos and barns; shows the equipment used to cut silage. Demonstrates how a concrete silo is constructed. Available to Illinois users only.

h-c-a 13 minutes No charge

SILVER SHADOWS (UW)

A short history of silent motion picture entertainment from the first theatrical use of pictures that move to first newsreel service. Oldtime favorites are presented.

j-h-c-a 20 minutes $3.00

SILVERSMITHING (LFI)

An arts and crafts film dealing with the problems involved in working silver.

h-c-a 20 minutes $3.00

SIMILAR TRIANGLES (KB)

Shows properties and practical uses of similar triangles. Demonstrates graphically the "two angles equal" proposition, and suggests applications in new geometric situations.

h-c 11 minutes $1.50

SIMPLE BLOCK PRINTING (GAF)

After a few examples of block printing are shown the entire process of making such a print is demonstrated. The various tools needed are displayed and the work of each clearly shown.

j-h-c 11 minutes $1.85

SIMPLE CHANGES IN MATTER (C)

By directing young people's attention to the physical and chemical changes seen around them everyday — growth of seedlings, soil erosion, metal expansion, ice melting, leaves changing color, logs decaying and metal rusting — this film shows how to determine through simple experiments the difference between physical and chemical changes.

i-j 11 minutes $1.50

SIMPLE DEVELOPMENTS (McGH)

Animated drawings show the development of a hexagonal prism, truncated cone, right rectangular pyramid, oblique pyramid, right circular cone and truncated right circular cone.

c-a 11 minutes $1.85

SIMPLE MACHINES (EB)

The basic features of simple machines — the lever, the inclined plane, the wedge, the pulley, and the screw — are shown. Applications of these devices to modern complex machines are demonstrated. Animated diagrams clarify abstract mechanical principles. The evolution of the machine and its part in contemporary civilization is also treated.

j-h-c 11 minutes $1.50

SIMPLE MACHINES: INCLINED PLANES (C)

Presents the principle of the inclined plane, including the screw and wedge. Shows common forms of the inclined plane and their function as simple machines.

i 6 minutes $1.50

SIMPLE MACHINES: LEVERS (C)

Introduces the concept that the lever is a simple machine which can change the amount of force and/or its direction. Presents the interrelationship of force and distance and shows such familiar forms of the lever as a see-saw, nut-cracker, and broom and examples of more complex machines which utilize the principle of the lever.

i 6 minutes $1.50

SIMPLE MACHINES: PULLEYS (C)

Visualizes this simple machine and explains the principle of its operation. Both the fixed pulley, which changes direction, and the movable pulley, are examined in detail along with the block and tackle system. Shows the function of different kinds of pulleys as they are seen in everyday use.

i 6 minutes $1.50

SIMPLE MACHINES: WHEELS AND AXLES (C)

Illustrates the force and distance relationships which exist in machines, utilizing the principles of the wheel and axle. Analyzes and demonstrates the way in which the working wheels of a bicycle increase force or distance. Examines such applications of the wheel and axle as the gear drive, belt drive, and crank.

i 6 minutes $1.50

SIMPLE STUNTS (C)

The film was produced to meet the expressed needs of physical educators for material for group activities with boys and girls from intermediate through junior high grades. Requiring little or no equipment, stunts demonstrated in the film lend themselves equally well to organized gym classes, clubs or other informal groups or unsupervised play.

i-j 10 minutes $1.85

SING A SONG OF FRIENDSHIP I (ANTI, Color)

Animated cartoons which capture the meaning of such songs as Irving Caesar's "Songs of Friendship" and are of the bouncing-ball variety.

i-j-h 10 minutes $2.70

SING A SONG OF FRIENDSHIP II (ANTI, Color)

Continuation of Sing a Song of Friendship I which uses the musical songs to instill brotherhood into the audience.

i-j-h 10 minutes $2.70

SING AMERICA (NA)

A chorus sings several songs and the audience is invited to participate. Songs are: "The Band Played On," "Bicycle Built for Two," "Oh Susanna," "Home On the Range," "Love's Old Sweet Song," and "America, the Beautiful."

h-c-a 11 minutes $1.85

SINGAPORE (IFI)

An instructive pictorial visit to the capital and governmental body of the Straits Settlements crown colony with many interesting scenes of city and the key seaport of the Far East.

h-c-a 10 minutes $1.85

SINGAPORE: STUDY OF A WORLD PORT (UW)

Shows the factors which make Singapore the world's seventh largest port.

i-j-h-c-a 11 minutes $1.85

SINGING PIPES (AL)

Shows the building of organs in the workshops of Casavent Frers, St. Hyancinthe, Quebec. Traces the development of the organ from the foot-pump and hand-bellows models to present electrically-operated giant pipe organs. Concluded with the playing of Bach's "Toccata and Fugue in D minor."

h-c-a 20 minutes $2.65

SITTING RIGHT (ASF)

The technique of sitting correctly — how to sit down and how to get up. Leg, arm and hand positions are shown. A completely nonacademic approach to the subject of posture which should nevertheless be welcomed by teachers of physical education, guidance, dramatics, and home economics, as well as by sponsors of girls' clubs. Taking advantage of the average girl's desire for something at least approaching Hollywood glamour, it effectively presents a few rules for good posture which are generally shrugged off as just more adult nonsense. Good photography, a sufficient variety of girl models for at least some self-identification, and a pleasantly presented commentary add their appeal for girls from junior high school to college age.

i-j-h 9 minutes $1.85

SIX SHOOTER MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

SIXTEEN TO TWENTY-SIX (NFBC)

Designed for female audiences only, this film presents facts about the extent, transmission, course of infection, symptoms, and treatment of gonorrhea and syphilis.

a 17 minutes $3.00

SIXTH CHAIR (NSS)

Highlights such problems in education as building construction and modernization, class size, more teachers, up-to-date educational tools; and portrays the dangers of the public's complacency toward education.

c-a 18 minutes $2.65

SIXTY SECONDS TO SAFETY (PFC)

Depicts fire prevention measures and stresses the importance of school fire drills in elementary and junior high schools.

i-j 10 minutes $1.85

SIZE DESCRIPTION (McGH)

Uniformity in dimensioning practice is essential and depends on the observation of certain standards in the use and choice of lines, figures, arrowheads, etc., and in the theory and placement of dimensions. After this has been mastered, the student must be able to choose in each case those dimensions which seem necessary to describe the article accurately, to locate the surfaces and centers for the placement of dimensions and notes. The method for describing complex drawings by breaking them down into simple geometric parts for dimensioning is also shown. (For other films in this series see AUXILIARY VIEWS PART I.)

h-c 16 minutes $2.25

SKATING FANTASY (SF, Color)

Barbara Ann Scott does three skating ballets.

i-j-h-c-a 9 minutes $2.00

SKELETON, THE (EB)

Describes in detail the formation, growth, development, and function of the human skeleton. Microphotography and animated drawings reveal what bones consist of and how they grow. Dramatic motion picture X-ray photography shows how joints move. Attention is called to the role of proper food and good posture in the correct development of bone.

h-c-a 12 minutes $2.65

SKI BATTLE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

SKI GIANT (CAA)

Shows the building, testing, and flying of the Avro Lancaster.

h-c-a 9 minutes Handling charge, $1.00

SKI HOLIDAY (NFBC, Color)

The film shows the beauty of ski country in the Canadian Rockies. Two young ladies are followed through a day of skiing, with their smooth runs and humorous falls, all photographed against the startling beauty of snow-covered mountains and bright skies.

general 10 minutes Handling charge, $1.00

SKI RIDERS (CAA)

Tells the story of the airplane from its beginning to gliders, autogiros, army planes, aircraft carriers and the modern airliner. Scenes include a trip in a modern sleeper plane from New York to San Francisco.

i-j-h 10 minutes Handling charge, $1.00

SKI THRILLS (SM, Color)

Thrilling and beautiful color shots of expert skiers enjoying themselves on the high expanses of the Sierra Mountains.

general 10 minutes $2.70

SKIP TO MY LOU (IU)

Fifth grade children form two circles and demonstrate the fundamentals of the game: skipping around the circle, choosing a partner, joining hands, and returning to place in the circle. The narrator explains each of these.

p-i 5 minutes $1.50

SKIPPER LEARNS A LESSON (EB, Color)

A little girl and her dog Skipper move to a neighborhood where youngsters of different races play together. Skipper snubs the dogs belonging to these youngsters and refuses to play with them because they look "funny" to him. They are different in color, size and shape. Later, through an embarrassing episode with a can of paint, Skipper becomes the one who looks odd to the other dogs. He soon realizes his mistake, and understanding is established among all. A simple and delightful story on intercultural understanding.

p 11 minutes $2.70

SKIPPY AND THE THREE R'S (NEA, Color)

A teacher utilizes a first-grade boy's interests to help him to realize his own need for learning to read, write, and do arithmetic.

c-a 29 minutes $5.20

SLEEP FOR HEALTH (EB)

Presents the importance of regular sleeping habits from the viewpoint of a child. Shows the child how a regular bedtime which allows for sufficient sleep helps him attain goals which he himself desires. Emphasizes the child's own responsibility in the formation of good habits. Considers dreaming as a normal part of sleeping. Graphically illustrates how lack of sleep causes irritability and interferes with the enjoyment of everyday living.

p-i 11 minutes $1.50

SLEEPING BEAUTY (EB)

This is the story of the beautiful princess who, under the spell of a wicked fairy, pricks her finger with a needle and falls into a hundred-year sleep. The entire palace remains under the spell until a handsome prince awakens the princess. They marry, become king and queen, and rule the land wisely and justly.

p 9 minutes $1.50

SLEEPING BEAUTY (SF)

The story of Sleeping Beauty, the princess bewitched into sleeping for 100 years, until awakened by the kiss of the handsome prince. Acted in pantomime while a narrator tells the story.

p-i 11 minutes $1.50

SLIDE RULE (MULTIPLICATION AND DIVISION) (USOE)

The C and D scales of the slide rule and the use of these scales for multiplication and division are explained in detail. Combinations of the two operations — multiplication and division — are also given.

h-c 24 minutes $3.00

SLIDE RULE (PERCENTAGE AND SQUARE ROOTS) (USOE)

Shows how to use the B and C scales of the slide rule to calculate proportions and percentages, calculate squares and square roots. Simple problems are used to illustrate the methods.

h-c 20 minutes $3.00

SMALLPOX (BIS)

Emphasizes the importance of vaccination in the prevention of smallpox and the menace to the community of those who, through ignorance, neglect or superstition, refuse to cooperate.

h-c-a 20 minutes $2.65

SMILES HAVE IT (BFS)

Mary and Tommy respond to an invitation in their quarterly dental checkup. By means of plaster models and drawings, Mary is shown what it means to have a cavity. Tommy reads a book which shows the relationship between the teeth of man and those of various animals. A trip to the zoo emphasizes what the children have learned in their visit to the dentist.

p-i 10 minutes $1.85

SMOKE EATERS (McGH)

Traces the development of fire-fighting techniques from the early bucket brigade days, through the days of the steam pumper and the three horsepower hook-and-ladder, up to modern times when fire-fighting equipment is of the finest. Shows the training of firemen and what happens from the time the first alarm goes into the station to the completion of the job. A typical fire is analyzed and the actions of the firemen are explained. The detection and arrest of a "fire bug" by fire department plain-clothesmen is pictured.

i-j-h-a 17 minutes $2.85

SMOKED HAMS (UW, Color)

Woody Woodpecker, a night sleeper, disturbs the peace of a day sleeper but is repaid in full.

p-i-j 10 minutes $1.50

SMOKEJUMPERS (CAA)

Contrasts forest fire fighting methods of the past with those of today. Points out that time and distance are important in fire fiighting and shows how through the use of the airplane and "smokejumpers," it has been possible to attack forest fires when they are small and more easily extinguished. The film also reviews the physical training methods employed to condition smokejumpers for their hazardous task and describes the specially designed and constructed clothing worn by them.

i-j-h-c-a 10 minutes Handling charge, $1.00

SMOKEY THE BEAR (UW)

A group of boys on a camping trip are reminded of their responsibility in helping to keep fire out of the forest, and sing with Eddy Arnold a song entitled "Smokey The Bear."

h-c-a 5 minutes $1.50

SMOKI SNAKE DANCE (ADP, Color)

Since 1921, each August in Arizona are held ancient mystic rites and dances from the Indian tribes of the West. The Snake Dance is a prayer to the rain gods. The rhythm of the drum increases the impressive climax.

i-j-h 10 minutes $3.00

SMOOTH STARTS (JH)

Illustrates the law of inertia as it applies to the problem of starting airplanes, boats, locomotive trains, and automobiles. We see that in the motorcar friction carries the power from the engine to overcome the inertia of the car when starting. The means to apply this friction evenly is supplied by the clutch.

The need for heatproof bases to withstand the heat caused by friction is established, as well as the necessity for a spring to apply the pressure evenly over the entire surface to assure smooth engagement and positive control. Heat photography is used to show the need for a special clutch ventilating fan.

j-h-c 7 minutes $1.85

SNAKES (C, Color)

A conceptual film which will develop the idea of what a snake is; how it differs from other animals; how it resembles them; and how the snake illustrates nature's principle of adaptation.

i-j-h 11 minutes $2.70

SNAKES CAN BE INTERESTING (YA)

A technically fine and effective film. Shows a snake swallowing an egg larger around than it is, a snake shedding its skin, and tells how to identify poisonous snakes. Also tells some of the benefits of snakes to mankind.

i-j 10 minutes $1.85

SNAP OUT OF IT (Emotional Balance) (C)

A high school boy has worked hard for an "A" but gets only a "B" in history. His emotional upset at the disappointment brings him to the attention of the school principal. Under the principal's guidance, the boy finds how to set his expectations realistically to avoid disappointments. He learns to use the emotional drives of unavoidable disappointments for a positive attack on problems.

j-h-c-a 13 minutes $2.25

SNAPPING TURTLES (EB)

Presents the life story of an interesting reptile in its natural habitat. Unusual photographic studies permit observation of the snapping turtle's detailed features, habits, and its encounters with other animal life. The laying of the eggs and the hatching are two outstanding episodes. A painted turtle is introduced for purposes of comparison. The winter hibernation concludes the presentation.

j-h-c 11 minutes $1.50

SNOW RANGER (UW, Color)

Shows how the Snow Ranger, official representative of the Forest Service, works in cooperation with the National Ski Patrol for the enjoyment and safety of thousands of winter-sports enthusiasts. Portrays facilities available on some of the most popular ski areas in the United States, a brief session with a skiing class, and how skiers are safe-guarded from their own possible errors.

i-j-h-c-a 15 minutes $4.25

SNOWMAN IN JULY (AL, Color)

A cartoon story about a snowman who comes to life. Hibernating in a refrigerator, he emerges into the world of summer and sings and dances until the sun melts him away.

p-i 10 minutes $3.00

SO THIS IS LONDON (BIS)

A tour of London, with all the historic landmarks and local color — the people and the houses in one of the greatest cities of the world.

general 13 minutes $2.65

SOAP (EB)

Explains the nature, manufacture, and cleansing action of soap. Shows how soap is made in a laboratory and a commercial plant.

j-h 11 minutes $1.50

SOAPY THE GERM FIGHTER (AVF, Color)

Billy Martin, a typical primary aged boy meets one "Soapy the Germ Fighter" who helps him understand that being clean is not "sissy" but is related to good health. Information about health officers and laws governing the handling and sale of foods further explains the importance of being clean. Billy accepts "Soapy" as a partner and learns facts that help him to be his own health officer.

p-i 10 minutes $2.70

SOCCER FOR GIRLS (C)

Demonstrates the basic skills of soccer in easy-to-learn detail, with close-ups and slow motion, using skilled girl players. Includes the various kinds of traps, dribbles and passes, and their applications to game situations.

j-h-c 11 minutes $1.50

SOCCER — THE UNIVERSAL GAME (HPA)

Intended as an introduction for Americans of all ages to the world's most widely played team sport — soccer. Demonstrates fundamentals and technique of the game by means of both action shots and animation sequences.

j-h-c-a 10 minutes $2.65

SOCIABLE SIXES TO NOISY NINES (McGH)

The final in a series of three films describing normal emotional behavior in children of various ages. This particular one of the series takes up typical behavior attitudes of the six to nine group. Hints to parents are given on understanding and helping children of this age group.

c-a 20 minutes $3.00

SOCIAL CHANGE IN A DEMOCRACY (UW)

Students in a social studies class discuss the difference between conditions which exist in a democracy and in a totalitarian state, and learn first hand how a problem in their own community, arising from a social change, is solved by law and assembly, rather than by violence.

h-c-a 29 minutes $3.70

SOCIAL COURTESY (C)

It has always been difficult to interest students in ordinary social courtesy. As a result, this film seeks to present both information on specific social "graces" and, at the same time, to make them a natural part of daily activities. Using a unique story development, SOCIAL COURTESY helps students realize that getting along in social groups is not a tedious process that involves preparation and a great deal of knowledge, but instead is a natural, easy form of behavior that requires only the use of everyday courtesy.

j-h 11 minutes $1.50

SOCIAL DANCING (C)

Approaches the problem of elementary social dance steps (waltz and fox trot), showing couples and individuals in basic box turn, forward pattern, cross-over and under-arm turn, concluding with a quiz-review.

i-j-h-c 11 minutes $1.50

SOCIAL DEVELOPMENT

See

CHILD DEVELOPMENT: SOCIAL DEVELOPMENT

SOCIAL PROCESS, THE: A Seminar with Professor Harold D. Laswell (EB)

Professor Harold D. Laswell, noted political scientist, conducts a seminar on the patterns of behavior common to all cultures. He develops the concept of the social process from the statement "Man seeks values through institutions using resources," and explains a terminology growing out of this statement which he finds useful in analyzing any community.

h-c-a 20 minutes $3.00

SOCIAL REVOLUTION (EB)

Describes the process of revolutionary social change which has been transforming the modern world during the past two centuries and is still in progress. Points out that this process has proceeded peacefully in certain countries and has led to violence and social chaos in others. Suggests the responsibility of progressive nations to assume leadership in social changes.

h-c-a 20 minutes $2.65

SOCIAL SECURITY (TFC, Restricted to Classroom Use)

Interprets the operation of the Social Security Act from the time of its passage through its various steps to the final payment of checks to the beneficiaries. Registration is explained and illustrated. The operation of the claims division is explained and the procedures for payment are shown.

j-h-c 11 minutes $1.85

SOCIAL WORKER (UW)

Portrays the training and education required of a young woman who wishes to become a social worker.

c-a 30 minutes $3.70

SOFIA GIRLS (FON)

Pupils of public school of Sofia parish in Stockholm are noted for their skill in gymnastics and rhythmics. The film shows the girls associated with their name.

j-h-c-a 11 minutes $1.50

SOFT PEDAL (JH)

This picture explains the principle of the clutch and shows how we get smooth application of power by means of this device.

The need for a control in the automobile that will let the engine run while the car is standing still is explained, as is necessity for a connection flexible enough to transmit power from the running engine to the shaft which turns the wheels. We see how this flexible connection or clutch operates to shift into all four gears.

Later day improvements in clutch construction are demonstrated and compared with old methods. Scientific means for testing the worth of material and mechanism prove the adequacy of the device.

j-h-c 8 minutes $1.50

SOFTBALL FOR BOYS (C)

Play ball! Boys will rally to the call with added enthusiasm after seeing this fast-moving film. They'll want to try that hook-slide, pull that fast double-play, improve their bunting technique. Slow motion photography is used to analyze the individual player skills and the principles of team play in actual game situation. Emphasis is also placed on pitching techniques.

i-j-h-c 10 minutes $1.50

SOFTBALL FOR GIRLS (C)

Takes up the fundamental softball skills of throwing, catching, batting, and fielding as they apply during the exciting last inning of a girls' intramural game. Each player's individual skill and co-ordinated teamplay is pointed out to show students how the good fun of this sport is heightened by intelligent practice.

j-h-c 11 minutes $1.50

SOFTBALL FUNDAMENTALS (YA)

Designed to teach the individual techniques of play involved in softball, using junior high school girls as the players. Illustrates the techniques of batting, throwing, pitching, base-running and fielding.

j-h-c-a 13 minutes $2.65

SOIL AND WATER CONSERVATION (UW)

Briefly shows how conservation farming methods may prevent further destruction of the soil and water resources. Proper land use is emphasized as a basis for conservation farming. It shows how several conservation practices are applied to the land.

j-h-a 10 minutes $1.85

SOIL RESOURCES (EB)

A study of what soil is and how man affects soil. Animated drawings reveal the mechanical actions which turn solid rock into soil. Also portrayed are the major scientific farming techniques designed to replace soil fertility losses and to stop erosion.

h-c 11 minutes $1.85

SOIL STRUCTURE—KEY TO PRODUCTIVITY (MCO, Color)

Presents story of Krilium, the soil conditioner, and shows how it works.

h-c-a 18 minutes $4.85

SOLAR FAMILY, THE (EB)

In this picture the evolution of the solar system is revealed according to the planetesimal hypothesis. This is followed by a portrayal of the real and apparent motion of the planets. Among the special phenomena presented are: the phases of Venus; retrograde motion of Mars, Jupiter and its satellites; the apparent motion of Saturn's rings; orbits of the planetoids, Eros and Anteros; orbit of Halley's comet; and the motion of the solar system in space.

j-h-c 11 minutes $1.50

SOLAR SYSTEM, THE (C)

Names of the planets, their relative size, distances from the sun and the forces at work in the solar system are presented with imagination in this film. An actual scale model of the solar system is set up to visualize dramatically the immensity of distances between the respective planets and the sun. The relationship of the planets to each other, their orbits, and important highlights about gravitational attraction, light and heat are other important teaching points covered.

i-j-a 11 minutes $1.50

SOLAR SYSTEM, THE (ISO)

A visit is made to Lowell Observatory for studies of the Solar System. The planets which are shown are: Venus, Jupiter, Saturn, Uranus, Neptune and Pluto.

j-h-c-a 10 minutes $1.85

SOLID IVORY (UW)

Woody Woodpecker tries to get a billiard ball from a hen.

p-i-j 10 minutes $1.50

SOLIDS, LIQUIDS AND GASES (YA)

An introduction to the three states of matter. It defines a liquid, a solid, and a gas, and demonstrates how a substance can be changed from one state to another, depending on how hot or how cold it is.

i-j 11 minutes $1.85

SOME CHARACTERISTICS OF LIQUIDS (EPS)

Properties and forms liquids assume under varying conditions of temperature, pressure, etc.

h-c-a 10 minutes $1.85

SOME PEOPLE STAYED HOME (TFC, Restricted to Classroom Use)

Shows how a corrupt political machine operates to get its candidate elected. A ward-heeler recruits tramps to vote in place of negligent citizens who fail to vote, and the machine candidate wins. Primary citizenship concern is with the necessity for citizens to vote at each election. Failure to vote may be not merely neutral, it can be negative.

h-c-a 9 minutes $1.85

SOMETHING YOU DIDN'T EAT (USDA, Color)

Explains in entertaining detail how one may learn to use the basic seven groups of foods essential to good nutrition and shows in simple terms how to make use of this knowledge.

general 10 minutes Handling charge, $1.00

SON, THE (EB)

A dramatic portrayal of a frequent rural problem — the tendency of a farmer's son to leave the land in favor of other employment. Presents the problem through the story of Howard, an only son who is working on his father's farm and only receiving a small weekly pittance which offers little security and prevents him from marrying. Part of Howard's childhood is shown, with instances of boyish frustration caused by his father's insensitive domination. The resentment intensifies over the years, and finally erupts in a heated exchange which threatens a complete break between father and son. The film ends with their differences reconciled through a legal partnership agreement.

h-c-a 28 minutes $3.70

SONG BIRDS OF THE NORTH WOODS (TFC, Restricted to Classroom Use)

An authentic record of the songs and cries of American birds, made at Elk Lake in the Adirondack Mountains under the auspices of Cornell University.

We see the sound truck with its parabolic reflector for catching the sounds of the birds as they are photographed. Then we hear the cry of the loon and see it swimming. There is a close-up of a loon nesting at the water's edge. The calls of the white-throated sparrow and the hermit thrush are heard and we see them in their nests. A magnolia warbler and a scarlet tanager feed their young. Then a goshawk nesting, its young crying for food.

Young northern woodpeckers nest in a hole in a tree; their mother brings them food in her beak, forcing it down their throats. A pair of tame chickadees take food from a man's hand, from his lips, and from a cup.

i-j-h 11 minutes $1.85

SONG OF A NATION (TFC, Color, Restricted to Classroom Use)

The story of the writing of "The Star Spangled Banner."

During a musicale at the home of Francis Scott Key, Key criticizes the American policy of nonresistance to British activities. His guests accuse him of a lack of patriotism and his wife privately tells him she is losing respect for him.

Key and an officer hear that a friend has been arrested and taken aboard a British ship. They go to arrange for his release. They are held aboard ship until after an attack on Fort McHenry. The bombardment continues all night. Key and his friend expect that the American flag will be down by morning, but at dawn it is still waving. Key sits down and writes "The Star Spangled Banner." The song is enthusiastically received by Americans, and his wife asks his forgiveness for failing to understand his motives. In technicolor.

j-h-c 20 minutes $4.25

SONG OF THE FEATHERED SERPENT (AS, Color)

Colorful Mexico in a background of ancient Indian custom brought down through thousands of years. The god of the Mayans, Aztecs and Toltecs, still runs through the lives of the Mexican Indian.

j-h-c-a 22 minutes $1.50

SONGS OF STEPHEN FOSTER (TFC, Restricted to Classroom Use)

This "Community Sing" presents Stanley Brown, Donald Grayson and others in a program of Stephen Foster songs. The following ballads are sung by the group dressed in Southern Costumes of the period and against a background of a Southern plantation: Oh Susanna, Beautiful Dreamer, Jeanie with the Light Brown Hair, Old Folks at Home, Camptown Races and My Old Kentucky Home. Words to the songs are flashed on the screen to be sung by the audience in the usual "Community Sing" style.

i-j-h-c 11 minutes $1.85

SONGS OF THE CAMPUS (McGH)

In this compilation of many of the popular and long-familiar songs of the campus, every section of the country is represented — twelve colleges, the Army at West Point, and the Navy at Annapolis. Views of campus activities at the different colleges provide the visual "background."

j-h-c-a 15 minutes $3.00

SONS OF GOD (NA)

Presents a girl's quest for God. Emphasizes the 20th century's materialistic nature.

i-j 30 minutes $3.70

SONS OF LIBERTY (TFC, Restricted to Classroom Use, Color)

That the Father of these United States was in no small way aided in his fight for freedom and tolerance by the financial and moral assistance of a Jewish patriot, one Haym Salomon, is the story told forcefully in this film. Salomon's experiences from the time he was initiated into the freedom-loving group known as the "Sons of Liberty" up to the time of his death at the end of the war are portrayed.

j-h-c 25 minutes $4.25

SOUND RECORDING AND REPRODUCTION (EB)

Explains the mechanics of sound transformation and transmission from the source to the loudspeaker in the motion picture projector. Concepts presented include the various types of sound track; the optical system employed in making the sound track; the motion picture print combining photography of picture and sound; and the reversal of recording processes in reproducing the sound record.

h-c 11 minutes $1.50

SOUND WAVES AND THEIR SOURCES (EB)

Demonstrates and explains several types of sound sources. The transmission of sound waves through the air is clearly visualized. The characteristics of sound waves, such as frequency, amplitude, wave length, fundamentals, harmonics, are vividly explained visually with acoustic accompaniment. The high-speed camera, animation, sound effects, and an oscilloscope are used to clarify the phenomena of sound.

j-h-c 11 minutes $1.50

SOUNDMAN, THE
(TFC, Restricted to Classroom Use)

Story of soundman, his studio secrets, and techniques. Traces the history of sound in movies, from the days of the tinny accompaniment in a theatre to the elaborate equipment and understanding of today. Shows the manner in which the studios file away their many sound effects, hauling them out for use whenever the need arises.

general 11 minutes $1.65

SOUNDS ALL ABOUT US (Exploring Science) (C)

Tells how one boy becomes aware of the world of sound which exists all about him. Through experimenting with a tuning fork, he finds that sounds are caused by vibrations, or movement, of different objects. Various sounds which all children will recognize are made use of to demonstrate that sounds can differ in pitch, in loudness, and in quality.

i 10 minutes $1.50

SOUNDS OF MUSIC (C)

Clearly presents the characteristics of musical sound. Two youngsters meet the genial proprietor of their local music store, who demonstrates the principles of amplitude and frequency with the sounds and grooves of a phonograph record.

j-h 11 minutes $1.85

SOURCE OF THE AMAZON (HFE, Color)

This excellent film gives the story of the birth of the world's greatest river, and also of the life and work of the people who live at its headwaters. Careful mapping assists in telling of an area that is little known and seldom visited.

j-h-c 11 minutes $2.70

SOURCES OF ELECTRICITY (EP)

Suggests various ways in which electric phenomena may be produced as by magnetic induction, friction or chemical action: illustrates similarity of all electric currents and by experiment explores the nature of electric currents and field of force.

j-h-c-a 10 minutes $1.85

SOUTH AFRICA (BIS)

South Africa's key position at the junction of the Atlantic and Indian Oceans and Jan Christian Smuts, only Dominion Prime Minister to have served in Britain's War Cabinet, are shown. Finally the film indicates the realism with which South Africa stands ready to meet postwar problems.

j-h-c 11 minutes $1.85

SOUTH AFRICA (PHP, Color)

An over-all picture of important aspects of life, industrial activities, agriculture, and mining. Includes the Zulus and their customs and the animals and scenery of Kruger National Park.

i-j-h-c-a 22 minutes $4.25

SOUTH CHILE (OIAA)

Pictures the region at the very southernmost part of South America. Grand glacial scenery and the story of sheep raising on a large scale feature this description of distant Patagonia.

j-h-c 18 minutes $2.65

SOUTH OF THE CLOUDS (BFC)

Two girls from completely different environments meet at the Christian College for women at Beirut, Lebanon. Najla, beautiful but disdainful daughter of an aristocratic Moslem family, catches a vision of a new way of life through her associations with Suad, born of an impoverished Christian family, and prepares to make a genuine contribution to her country and her people.

h-a 35 minutes $6.00

SOUTH PACIFIC ISLAND CHILDREN
(Life in Fiji) (EB, Color)

Portrayal of family life in Viti Levu. Shows members of the Di Vara family at their daily activities — fishing, attending school, tending their garden, and constructing a house. Illustrates the importance of the coconut palm to the islanders and depicts a "fish drive" which ends in a feast and dance along the shore.

p-j 11 minutes $2.70

SOUTHEASTERN STATES, THE (EB)

Delineates the variety of living patterns in Arkansas, Louisiana, Mississippi, Alabama, Florida, Georgia, South Carolina, North Carolina, Virginia, Kentucky and Tennessee, with a brief historical introduction. The stately plantation homes, mountaineer cabins, modern homes in southern cities, rolling bluegrass country, orchards, cotton and tobacco fields, farms and factories all woven together tell the story of the region's twenty-eight million people and how their welfare is bound up with the national economy.

j-h-c 11 minutes $1.50

SOUTHERN BRAZIL (OIAA)

Brazil's march of progress as exemplified in its southernmost area, the states of Parana, Santa Catarina, and Rio Grande de Sul is shown. Here is Brazil's great cattle-raising country and also its granary. Here too is a section that is grasping every opportunity to keep pace with modern industrial progress.

j-h-c 20 minutes $2.65

SOUTHERN CHILE (HFE)

Concerns the people, geography and history of one of Chile's most unusual regions. There are remarkable scenes of the Strait of Magellan, and a series of animated maps showing the effect the Panama Canal has had on ship traffic through the Strait and the once significant stop on the trade route, Punta Arenas.

j-h-c 11 minutes $1.85

SOUTHERN CROSS (MS, Color)

Depicts the work among the poor negroes and whites in southern states by the Missionary Servants of the Most Holy Trinity, a group of Catholic priests and brothers.

j-h-c-a 26 minutes $5.20

SOUTHWESTERN STATES, THE (EB)

Portrays aspects of life in areas of Texas, Oklahoma, New Mexico, and Arizona. Reference is made to the topography, rainfall, and other characteristic features including the imprint of Spanish and Indian cultures. Irrigation, stock raising, mining, agriculture, and oil extracting and refining are among the occupational activities shown. The exchange of goods and services with those of other sections of the country is depicted with animated photography.

j-h-c 11 minutes $1.50

SOVIET UNION AND ITS PEOPLE (UW)

A brief study of the Soviet Union and its people, the vastness and variety of the country, and the complex temperament of its inhabitants.

h-c-a 19 minutes $2.65

SOYBEAN STORY (ALC, Color)

Pictures the growing and processing of the soybean.

j-h-c-a 20 minutes $1.50

SOYBEANS — FEATURE STORY (NSB, Color)

A reporter for the News is assigned to do a feature story on soybeans. At a local soybean processing plant he gets the story of the soybean from its earliest history to its present place in our national economy. Processing methods, products, uses, research and markets are demonstrated. Proper steps in planting, cultivating and weed control are explained. The place of the crop in the farm scheme is defined. The effect of this annual legume crop upon the soil is shown in comparison with other farm crops, also its relationship to runoff and erosion.

c-a 27 minutes Handling charge, $1.50

SPAIN (IFI, Color)

Surveys the country and the life of its people.

p-i-j-h-c-a 10 minutes $3.00

SPAIN: THE LAND AND THE PEOPLE (C, B&W or Color)

This film journey takes the viewer from Madrid in the north to the fertile river valleys in the south. A visit is made to the cities and villages, and people of those places.

i-j-h 10 minutes B&W $1.50, Color $2.70

SPANISH CHILDREN (EB)

The film provides a visit with a rural family of southern Spain. A trip by a boy and his father to the city and an evening at home celebrating the little daughter's birthday are charmingly portrayed. Particular emphasis is laid on the activities of the children in the family. The film's narrator is of Spanish descent and speaks with a slight Spanish accent, thus lending a realistic flavor to the film.

p-i 11 minutes $1.50

SPANISH CONQUEST OF THE NEW WORLD, THE (C)

An overview of Spain's activities in the New World in the age of exploration and colonization. The achievements of her empire-builders are presented in map-animation, in scenes of the native cultures that were overthrown or absorbed, and in camera explorations of the Spanish cities and the Spanish way of life that left a permanent imprint on vast sections of the Western Hemisphere.

h-c-a 10 minutes $1.50

SPANISH INFLUENCE IN THE UNITED STATES (C)

Even though Dolores and Don live in the midwest, our Spanish heritage plays an important part in their lives. By clearly surveying the world around them, they come to realize that this influence has become very much a part of all our daily lives.

i-j-h-c 11 minutes $1.50

SPARKY, THE COLT (C, B&W or Color)

Here is a medium that will provide specific interest value in reading, youthful discussion and writing activities. From the moment your children "discover" Sparky, the wobbly little colt, they'll eagerly follow his adventures as he grows strong, learns to trot across the fields, and finally makes friends with his little master.

p-i 11 minutes B&W $1.50, Color $2.70

SPEAKING OF RUBBER (USRC)

A retired employee tells his grandson about rubber, the people who make rubber goods, the industry, and the nation which makes this production possible. Includes scenes of rubber plantations, synthetic rubber plants, manufacturing processes and laboratory testing.

i-j-h-c-a 27 minutes Handling charge, $1.00

SPEARHEADS IN THE SKY (CFS, Color)

A boy and a girl discover the nest of a real Mother Goose. They watch the young hatch, grow up, flock for fall flight. They see raccoon, violets, dogwood, field lilies, katydids, purple asters, and butterflies. Story ends with a hunter's harvest in October.

p-i-j 11 minutes $2.70

SPECIAL DAYS IN FEBRUARY (C, B&W or Color)

Explains reasons for observing the three special days in February: Lincoln's birthday, Valentine's Day, and Washington's birthday.

p 10 minutes B&W $2.50, Color $5.00

SPEECH: CONDUCTING A MEETING (YA)

Demonstrates and explains the basic parliamentary procedures which contribute to an efficient and successful meeting.

j-h-c-a 10 minutes $1.85

SPEECH: CONVERSATION (YA)

Demonstrates and explains how conversation reaches into every phase of our everyday life; that is our surest way of making or losing friends, of being hired or fired. The film illustrates some of the important do's and don'ts in effective speech techniques to use.

h-c-a 10 minutes $1.85

SPEECH: FUNCTION OF GESTURES (YA)

Explains the function of the gesture in public speaking, and points out how the speech can be made much more effective by using the correct gestures at the correct time. Illustrates some commonly used gestures and their function.

h-c-a 11 minutes $1.50

SPEECH: GROUP DISCUSSION (YA)

Dramatizes the five steps in producing a discussion; shows different types of discussions: symposium and panels, forum, conferences.

j-h-a 10 minutes $1.85

SPEECH: PLANNING YOUR TALK (YA)

Explains how to plan and organize your talk for greater effectiveness in speaking to groups.

h-c-a 11 minutes $1.85

SPEECH: PLATFORM POSTURE AND APPEARANCE (YA)

Deals with the importance of good appearance and proper posture to the public speaker's success. Each element is treated in detail from the viewpoint of the inexperienced speaker, as the film points out that the audience is impressed as much by what it sees as by what it hears.

h-c-a 11 minutes $1.85

SPEECH: STAGE FRIGHT AND WHAT TO DO ABOUT IT (YA)

Analyzes the causes of stage fright, and shows the inexperienced public speaker what he can do to overcome it, both in the preparation for his talk and presentation.

h-c-a 11 minutes $1.50

SPEECH: USING YOUR VOICE (YA)

Directed at the problem of common speech faults in both formal and informal speaking, explaining how to make the most of voice in everyday life situations. Points out that most speech faults are due purely to carelessness, and then demonstrates and explains how to correct such faults.

h-c-a 11 minutes $1.85

SPEECH READING (UW)

Explains how persons with a hearing loss can learn, by careful interpretation of lip movements, to "see" what people are saying. Shows how vowel and consonant sounds are formed by the mouth.

h-c-a 28 minutes $3.70

SPEECH TRAINING FOR THE HANDICAPPED Child (UI, Color)

Four universities engaged in speech correction work are shown in a summer program of speech correction for children with speech defects caused by cleft palates and cerebral palsy.

c-a 30 minutes $5.25

SPEED AND REFLEXES (PRP)

Designed to instruct amateur and professional driver alike. The human reflex and reaction is demonstrated and explained, also the effects of fatigue upon reflexes and visibility range. Shows why we dare not exceed speeds which violate natural laws and our own physical limitations.

j-h-c-a 11 minutes $1.85

SPEED-A-WAY (LAR)

This new game for boys and girls is a combination of the elements of soccer, basketball, speedball, field ball and hockey with an opportunity for players to run with the ball.

h-c-a 14 minutes $2.65

SPEED OF LIGHT, THE (EB)

Formulas in modern physics often use the figure for the speed of light as a constant, but accurate measurement of that speed was made only after experiments of three centuries had been made by scientists of several nations. This film shows how Galileo, Michelson, Fizeu and Roemer contributed to that measurement.

j-h-c-a 14 minutes $3.00

SPEEDBALL FOR GIRLS (C)

Introduces students to an exciting game which is rapidly growing in popularity. The film lucidly explains players' positions on the field, the rules of the game, techniques in developing team cooperation and individual skills — kicking, juggling, volleying, passing, and receiving.

j-h-c 11 minutes $1.50

SPEEDING YOUR READING (TAE)

Illustrates fundamental principles involved in correct reading habits and how to develop reading speed. Explains the meaning of "span of recognition" and shows how development of span may be achieved. Illustrates correct eye movements and shows how to develop them.

j-h-c-a 10 minutes $2.00

SPEEDY COP, THE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

SPELLING AND LEARNING (USC)

Teaching of spelling techniques is shown in an actual classroom situation with the children responding to the stimulation of the competent instruction, the importance of motivation in learning is emphasized.

c-a 18 minutes $3.00

SPELLING IS EASY (C)

A motivational film for the intermediate grades, and presents the five basic rules for learning to spell.

i 10 minutes $1.50

SPHERICAL MIRRORS (UW)

By demonstration, the characteristics of concave and convex mirrors are explained. The properties of images formed by spherical mirrors are presented by animated diagrams and examined in detail. Characteristics of real and virtual images are contrasted by studying their formation when objects are placed in different positions. Finally, practical applications of spherical mirrors are illustrated.

h-c-a 14 minutes $3.00

SPIC AND SPAN (IFI)

Shows that personal satisfaction and happy relations with members of the family and with others are based in part upon neatness and cleanliness.

p-i-j 11 minutes $1.85

SPIDER AND THE ANT, THE (OF)

The ant and his girl friend are having a fine time until Mr. Spider catches them in his web. But the rest of the ants, using a snail as a tank, come to their rescue and land Mr. Spider in jail.

p-i-j 10 minutes $1.85

SPIDERS (EB)

The nursery-web, the orb-web, the funnel-web, and the trap-door spiders appear in this picture. The complete life cycle of the first is presented, and the peculiar habits and characteristics of the others are shown. The construction of an orb-web is shown through every step of the procedure. The retreat of the trap-door spider is explained and illustrated. There are also scenes demonstrating the prowess of spiders as hunters and providers.

j-h-c 11 minutes $1.50

SPINNING LEVERS (JH)

Principles of the lever — relation to gears in the automobile.

h-c-a 10 minutes $1.85

SPINNING WHEEL (AB)

There are detailed close-ups of carding, rolling curls, and spinning combined with the study of various parts of the "wheel" and the method of doubling the yarn for knitting as Grandmother teaches Elaine to spin.

i-j 10 minutes $1.50

SPIRIT OF '43, THE (OWI, Color)

America's most dynamic character, Donald Duck, symbolizes the feelings of all of us confronted with two conflicting impulses. One-half of this dual personality is represented by a Scotish duck, called Scotty, while the spendthrift is portrayed by Zooties, the zoot-suit duck. Torn between these two personalities, Donald Duck realizes that the choice is really very simple: spend for the Axis or save for taxes.

general 6 minutes $1.50

SPLITS, SPARES, AND STRIKES (OF)

Championship form is demonstrated by Tillie Taylor, famous woman bowler.

h-c-a 10 minutes $1.85

SPOKEN WORD, THE (CAA)

Explains good speech techniques and the proper handling of equipment necessary in telecommunications between aircraft and ground services personnel. Of special interest to air traffic controllers, pilots and communications personnel.

h-c-a 10 minutes Handling charge, $1.00

SPORTS GOLDEN AGE (McGH)

Emphasizes America's propensity for sports of all kinds. Shows sports greats in action: Knute Rockne, Red Grange, Johnny Weissmuller, Jack Dempsey, Joe Louis, Bob Feller, Joe Dimaggio. Shows the making of sports equipment. Presents Americans enjoying sports from swimming to skiing.

h-c-a 17 minutes $3.00

SPOT NEWS (JH)

Against a background of music and then actual sounds, the picture opens with a direct recording sequence of dialogue and scenes as a wire-photo crew goes out to photograph an airplane taking off from the top of a speeding automobile, and then transmits the photograph back to the newspaper office over a telephone wire. It ends by showing and explaining how the current is received back at the newspaper office and changed back to light values and printed as a picture, ready for newspaper equipment in a modern newspaper plant.

j-h-c 9 minutes $1.85

SPOTLIGHT ON INDO-CHINA (TFC, Restricted to Classroom Use)

Travelog of French Indo-China during the early years of World War II. Sequences show primitive methods of rice cultivation and fishing. Hindu and Chinese influences are seen in the streets of Saigon, with its sidewalk cafes introduced by the French.

Includes views of the building of the Burma Road. The antiquity of the region is emphasized by scenes of the mighty ruins of Angkor-Vat.

j-h-c 11 minutes $1.85

SPOTLIGHT ON MEXICO (McGH)

Pictures the Floating Gardens, the Pyramid of the Sun, bullfights and peasant crafts contrasted with the new factories and industrial and agricultural methods of Mexico.

j-h-c-a 17 minutes $3.00

SPOTTY: STORY OF A FAWN (C, B&W or Color)

Primary grade teachers will welcome this story picture as a beautiful and stimulating experience for all young students. Filmed against the authentic background of the north woods, the adventures of Spotty, a wild fawn, are believable and fascinating. Participation devices are aurally and visually built into the picture and the narration has been keyed to primary grade word lists.

p 11 minutes B&W $1.50, Color $2.70

SPRING BLOSSOMS (IFB, Color)

Spring blooms from Florida to the Pacific Northwest, including many time-lapse pictures of spring wild flowers originally used by Mr. Ott in his lecture series "Flowers in Action."

j-h-c-a 18 minutes $4.25

SPRING COMES TO A POND (FON, Color)

Pictures the birth and life of birds, insects, frogs and ducks, in and around a pond in the spring.

i-j-h-c-a 13 minutes $4.25

SPRING IS AN ADVENTURE (C, B&W or Color)

Records many of the exciting changes in trees, birds, flowers and animals which come with the spring.

p 11 minutes B&W $1.85, Color $2.70

SPRING ON THE FARM (EB, Color)

Photographed in beautiful color, we follow Joan and Jerry Johnson as they observe the many interesting things that happen to the Johnson farm during the months of March, April, and May.

p-i 11 minutes $2.70

SPRINGBOARD DIVING (UC)

Shows the fundamentals of springboard diving with detailed illustrations of the position of the body in the air, the proper use of feet and arms, and the approach and take-off from the springboard. Techniques for the swan dive, running front dive, and the back jump and exercises for control of the body in the air are also depicted.

h-c-a 13 minutes $2.65

SPRINGBOARD TECHNIQUES (C)

A prerequisite to skillful diving is proper use of the springboard, which is thoroughly explained in this film, produced under the supervision of Mike Peppe, Director of Swimming at Ohio State University. The film not only demonstrates proper techniques, but also shows the step-by-step methods of acquiring those techniques.

Stop motion and slow motion are used for detailed analysis of lifts, tucks, somersaults, and other skills. Techniques are summarized in a final sequence of outdoor shots showing the finished performance of expert divers.

j-h-c 10 minutes $1.85

SPRINGTIME OF LIFE (IEM)

Pictures the interrelationship of plants and animals as well as the interdependence of all living things in nature.

h-c-a 10 minutes $1.85

SPRINTS, THE (UW)

The fundamentals of the 100 and 220 yard dash, impact style and natural stretch stride, synchronization of leg and arm action, starting techniques, etc.

h-c-a 22 minutes $3.50

SQUARE DANCE MEDLEY (OF)

Includes the Lady Around the Lady; Duck for the Oyster, Dig for the Clam; and Hinky Dinky Parley Vous.

i-j-h-c-a 10 minutes $1.85

SQUARE DANCING (OSG, Color)

Purpose is to arouse interest and depict the fun and wholesome features of square dancing.

i-j-h-c-a 15 minutes $4.25

SQUEAK, THE SQUIRREL (CW, Color)

Illustrates how an animal can learn to find food that is hidden from view or out of reach. Aside from showing how Squeak learns, the film points up the value of the scientific method for investigating animal behavior. Certain parts of Squeak's surroundings are systematically changed, while everything else remains the same. By this procedure we can determine precisely how well Squeak can adjust to a new situation.

p-i 14 minutes $4.25

SQUIRREL IN TREES (IU)

Narrator explains the rules of this active game as it is played by a group. Shows how trees are formed and how the squirrel gets into the tree. Pictures the squirrels exchanging tree homes at the command "change." Two simple variations are shown: "squirrel follow squirrel" and "squirrel chase squirrel."

p-i 5 minutes $1.50

STAINLESS STEEL (USBM)

Emphasizes waste and destruction produced by rust and cost of protection against this enemy. Corrosion-resistant quality of stainless steel is illustrated by test. Making of stainless steel is depicted.

29 minutes Handling charge, $1.00

STAMP IS BORN, A (ANIB, Color)

Shows the detailed processes of making postage stamps in Australia, from the original design to the finished product.

j-h-c-a 10 minutes $3.00

STANLEY TAKES A TRIP (NFBC)

A fish and several barnyard animals, concerned over Stanley's listlessness, diagnose his ailment as faulty nutrition. On the back of a bull, they set out to acquaint him with the essentials of a proper diet; they secure a food prescribed by Canada's food rules at each stop. Stanley returns home to find all the required foods right in his mother's kitchen.

p-i-j 10 minutes $1.85

STAR GAZERS (ACFC)

Highlights of Galileo's career introduce an account of man's search into the wonders of the universe.

i-j-h-c 10 minutes $1.85

STAR SPANGLED BANNER

As an aid to community singing, the words of "The Star Spangled Banner" are superimposed on each succeeding scene of this film. A moving orchestration of our National Anthem provides the accompaniment.

general 2 minutes $1.00

STARS AND STRIPES (IFB, Color)

Rippling stripes and gay stars jump and dash around the screen, breaking into effects suggesting a fireworks display. The sound track is "Stars and Stripes Forever." The film is made without either recording or photographic equipment — both the figures and the sound track are painted directly on the film.

p-i-j-h-c-a 5 minutes $2.00

STARS IN STRIPES (McGH, Color)

The story of three tigers born in the Bronx Zoo and reared in the apartment of Mrs. Fred Martini, wife of the lion house keeper. Shows the care and growth of the tiger triplets from infancy to maturity.

p-i-j-h-c-a 12 minutes $3.00

STARS IN YOUR CROWN (SP)

Shows how to cope with spiritual problems and heart attitudes of various age-levels.

c-a 20 minutes $3.00

STARTING — TAXIING — TAKING OFF (CAA)

Describes landing gear; the complete process of starting the engine; the use of the tab to produce or overcome nose or tail heaviness and the cautions about take-offs.

h-c 10 minutes Handling charge, $1.00

STATE LEGISLATURE (A)

Explains the detailed procedure of the legislative branch of our state governments in the enactment of a state law. Starts with the origin, need and reasons for a law and shows, step-by-step, how surveys and statistical data are obtained to back it as a bill, how it is introduced, discussed and passed by the Assembly, concurred in by the Senate, signed by the Governor, then challenged and reviewed by the state Supreme Court.

j-h-c-a 22 minutes $2.65

STATE TROOPERS (McGH)

Follows the activities of a recruit of the Connecticut State Police to show how State Troopers are trained and equipped to fight crime.

j-h-c-a 17 minutes $3.00

STEAM ENGINE, THE (YA)

Describes the efforts of primitive man to do work chiefly with his own and animal muscles; compares the methods of work from the time of the first steam-powered loom to the modern diesel electric-powered locomotive. Cause and effect relationships are treated and their social and economic implications are noted.

i-j-h-a 11 minutes $1.85

STEAM FOR POWER (Color)

Makes extensive use of animation in tracing the history of man's effort to obtain abundant and economical steam power. Each step in the development of modern boilers and the reason for it is shown. Concluding sequences show the erection of a large radiant boiler in a power station.

h-c-a 41 minutes $5.20

STEAM LOCOMOTIVE (NYC)

Highlights of the care and operation of the great Hudson type locomotive are shown in this entertaining and informative picture. There are scenes in the yards, in the roundhouse and in the cab of a locomotive in action. The important servicing facilities are shown in detail and the operating principles of the locomotive are clearly explained.

j-h-c 20 minutes Handling charge, $1.00

STEAM TURBINE, THE (YA)

The historical development of the steam turbine is traced, then it explains the principles of its operation and its applications in our world today. For the basic explanations animation is used.

j-h-c-a 8 minutes $1.85

STEEL RULE, THE (USOE)

Discusses in detail the steel rule, shows the various forms in general use, explains the fractional scales found on them and demonstrates their correct use. The variations of the steel rule in the form of depth gages and the combination square are shown. Proper methods for holding and using a steel rule to set calipers, to measure the length and diameter of round stock are demonstrated. Emphasis is given to care needed to maintain the usefulness of the steel rule and its variations.

h-c 11 minutes $1.50

STEEL WORKER, THE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

STEM RUST — AIRBORNE ENEMY OF GRAIN (USDA, Color)

Stem rust is a fungus disease that destroys wheat, oats, barley, and rye. Shows how barberry bushes spread the disease to grain crops, the nature of the disease, the importance of these crops and dependent industries in the nation's economy, and how stem rust damages grain. Covered in detail is the story of ridding grain areas of barberry bushes which spread stem rust.

h-c-a 22 minutes Handling charge, $1.00

STEP-SAVING KITCHEN, A (USDA, B&W or Color)

This film shows a kitchen planned as an efficient workshop where a woman's work may be done with least walking, stooping, lifting, and stretching. The kitchen is U-shaped, designed by housing and household equipment specialists of the Bureau of Human Nutrition and Home Economics. Basic principles used in planning the kitchen are shown, with demonstration of work saved by the well-planned, adequate storage and work space.

general 14 minutes B&W $3.00, Color $4.00

STEPS OF AGE (IFB)

Presents the emotional problems and interpersonal relationships within the family faced by a woman of 62 who must help her husband adjust to the fact that he must retire from his job, and then the continuing problems which face her after his death, when she must face the fact that she is "useless." Emphasizes that one must begin early in life to adjust to the problems which all human beings face when they grow old.

c-a 25 minutes $3.25

STEPS OF THE BALLET (BIS)

The film shows the basic classical positions and movements of the ballet — the disciplined exercises necessary to achieve perfection. During rehearsal, the work of the choreographer, the composer, and the designer are explained. Then an original new ballet is presented for the first time in this film. Music is played by the London Symphony Orchestra. Robert Helpmann, famous choreographer and dancer, is the narrator.

j-h-c 23 minutes $3.00

STINGING FINISH (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

STOP 'EM FLYING (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

STOP FIRES — SAVE JOBS (AP)

A film for employees on fire prevention in industry. What to do in case of a fire, how to turn in an alarm and other actions and precautions necessary to good fire protection. Shows the employee his responsibility toward fire protection.

h-c-a 18 minutes $2.65

STOP SILICOSIS (US)

Dramatizes causes and results of silicosis and some of the hazardous conditions under which a million Americans work. It shows you the contrast between X-ray silicosis and normal lungs.

h-c 10 minutes $1.50

STOP THAT CAR (JH)

This picture deals with the brakes in the modern motorcar. It shows how energy exists in the form of heat, motion, electricity and light, and how all these forms of energy are interchangeable. When motion is changed into heat, the means to this change is friction.

In a motorcar, to stop the turning wheels of an automobile, friction must be applied; friction, in turn, engenders heat. Means of dissipating some of this heat are demonstrated. Animated pictures show the design of brakes from the crudest form to the modern hydraulic.

A car is driven at high speed off a dock into a barge and stopped within the length of the barge, as a demonstration of modern brake efficiency.

j-h-c 9 minutes $1.85

STORAGE CURING OF BALED HAY (Case, Color)

Describes the steps to follow in the final curing of baled hay in storage, based on the tests made cooperatively by the J. I. Case Company and the Michigan State College at East Lansing through a period of several years. Also carries considerable factual data based on years of experience with hay-handling equipment.

h-c-a 15 minutes $1.00

STORES IN OUR COMMUNITY (C)

Shows the service that stores provide in the community in which we live. Leads to reading, arithmetic and story-telling and many other classroom activities.

p 11 minutes $1.85

STORIES OF HOLLAND: BACKGROUND FOR READING (C, B&W or Color)

Holland — windmills, dikes and wooden shoes — setting for many of our best-loved children's stories. Here, in an excellent and entertaining production, students get a vivid visual background for their reading — both fiction and nonfiction — about Holland. They visit Broek, the setting for the story of Hans Brinker — see Volendam, a typical fishing village on the Zuider Zee — explore the old city of Leiden at tulip time — and many other places of literary interest on this thoroughly delightful film journey.

i-j 11 minutes B&W $1.50,
Color $2.70

STORY ACTING IS FUN (C, B&W or Color)

Dramatic activity is presented to increase a child's understanding of the stories he reads. After seeing a boy demonstrate how he took a picture of a bird, a group acts out "The Village Blacksmith," the signing of the Declaration of Independence and Tom Sawyer painting the fence.

i-j 11 minutes B&W $1.50,
Color $2.70

STORY BOOK REVIEW: MOTHER GOOSE STORIES. (BFS, Color)

Four Mother Goose stories are illustrated through the use of three-dimensional, animated figurines. Included are, Old Mother Hubbard; Little Miss Muffet; Humpty-Dumpty and The Queen of Hearts.

p-i 11 minutes $2.70

STORY OF A CITY (ANIB, Color)

Newcastle, New South Wales — its steel mills, coal mines and people.

j-h-c-a 15 minutes $4.25

STORY OF A GIRL SCOUT TROOP (GSA)

Shows the early teen-ager and how activities such as Girl Scouting provide healthful fun and help develop self-confidence, initiative, and ability to work with others. Girl Scouts put on a community entertainment supper and folk dance for parents, teachers, and neighbors.

a 15 minutes $3.00

STORY OF A PUEBLO (NWP)

The history of Los Angeles is told by showing the transformation of old landmarks from the past to the present.

j-h-c-a 15 minutes $2.65

STORY OF A SPARK PLUG, THE (USBM)

Describes functions of parts comprising the spark plug — shell, electrodes, gaskets, terminal, and insulator. Depicts mining of silimanite from which insulators are made.

j-h-c 34 minutes Handling charge, $1.00

STORY OF A STORAGE BATTERY, THE (USBM)

Film covers basic information on operation of modern storage battery. Opening scenes show varied uses for storage batteries, such as starting automobiles and supplying power for light and radio. Latter part of film deals with manufacture of precision parts of modern battery, which must meet certain mechanical, electrical, and chemical precision standards.

h 30 minutes Handling charge, $1.00

STORY OF A STORM (C)

Using superior animation and careful organization, this film presents a basic experience in which science and social studies merge as they do in everyday living. From it are drawn scientific observations and data. Here is vivid, valid, fascinating science instruction for all grade levels. Here, too, is reading background for language studies and for social studies.

i-j-h-a 11 minutes $1.50

STORY OF ALFRED NOBEL, THE (TFC, Restricted to Classroom Use)

The Story of Alfred Nobel shows a Nobel Prize notification, then shifts to a close-up of Nobel. In his laboratory, he is searching for a way to harness nitroglycerine. He notices the fluid soaking into white clay, and thus accidently discovers dynamite. A montage follows of the commercial uses of dynamite, all of which have aided in mankind's progress.

Nobel determines to seek a way to conquer war, and works to devise new ways of terror to compel peace. His life span appears uncertain, and he talks to many groups in the hope of permanent peace. He concludes that prevention of war through terror is of no avail; that the answer lies, not through fear, but love. The road to peace leads from the council table, not the battlefield, as a montage of war scenes and destruction is shown.

general 11 minutes $1.85

STORY OF AN IMMIGRANT (TFC, Restricted to Classroom Use)

An immigrant, coming to America as a young man with almost no money, gives himself an education and lifts himself to a position of influence and respect, almost with his bare hands. A fine story of what hard work and belief in one's self and the American Way can do.

general 30 minutes $3.70

STORY OF ARC WELDING, THE (USBM)

A short history of arc welding and illustrates what happens during the making of an arc weld.

j-h-c 24 minutes $2.65

STORY OF BANANAS (PAV)

Depicts the testing of the soil to determine the location of the plantation, clearing the jungle, digging drainage ditches, laying out the planting area, cultivation and rapid growth of the area, cultivation and rapid growth of the banana plant, preparations for harvesting 50,000 stems of bananas in a day, cutting and transporting bananas from plantation to seaport, inspection of fruit and methods of conveying it aboard a refrigerator ship, arrival of fruit in the United States, further inspection and distribution to consumer.

i-j-h-a 11 minutes $1.85

STORY OF BITUMINOUS COAL (USBM, Color)

Shows the modern methods in mining bituminous coal — drilling, blasting, using cutting machines, scooping, loading shuttle cars. Shows surface mining. Pictures the processing of coal and the uses made of its by-products.

j-h-c-a 30 minutes $1.00

STORY OF CHARLES GOODYEAR (TFC, Restricted to Classroom Use)

Charles Goodyear's struggle to make India rubber usable for commercial purposes. Covers his research and experiments. Concluding scenes show Daniel Webster defending in a court of law Goodyear's claim to the patents.

j-h-c-a 11 minutes $1.85

STORY OF CHINESE ART (ATH, Color)

Surveys Chinese art from the unknown beginning to modern times. Shows the influence of Central Asia, India and Europe on Chinese culture, as well as the influence of China on her Asiatic neighbors, the Near East and the West.

j-h-c-a 20 minutes $4.25

STORY OF CHRISTOPHER COLUMBUS (EB)

Brings to life the story of America's discovery and of the man whose conviction, courage, and faith brought it about. Clearly dramatizes highlights in the life of Columbus, including his boyhood dreams of travel and adventure, his tireless search for aid in organizing an expedition, his long and hazardous voyage westward, and finally his landing in San Salvador in 1492.

i-j 20 minutes $2.65

STORY OF COAL, THE (KB)

Coal is one of our greatest natural resources. Its discovery only 150 years ago in America was the beginning of a new industry. How coal is formed, the mining processes, regions where it is found, and uses in the business world are shown.

i-j-h 11 minutes $1.85

STORY OF COMMUNICATION, THE (FI)

The story of transmission of messages and man's achievements in improving his means of communication. It brings out with forceful clarity the fact that until electrical energy was harnessed, the world's means of communication were linked with its means of transportation. j-h 22 minutes $3.00

STORY OF COPPER, THE (USBM, Color)

After an introduction to prehistoric use of copper, story begins with open-pit mining operations at Morenci, Arizona and continues to underground mining at Bisbee, Arizona, thence to smelter and an electrolytic refinery.

j-h-e-a 34 minutes Handling charge, $1.00

STORY OF CULTURE (KB)

Follows man's search for truth and beauty from the days when the legends of a race were preserved in song and dance, down to the present days of mass production with the moving picture as the outstanding expression of its culture.

j-h-e-a 40 minutes $4.45

STORY OF D. D. T. (BIS)

Shows the development of this insecticide from its discovery in 1870 to large scale production in World War II. j-h-c-a 25 minutes $3.70

STORY OF DR. CARVER, THE
(TFC, Restricted to Classroom Use)

This picture gives us the story of a Negro slave-boy who received an education and became a scientist.

Night raiders steal the boy from a landowner named Carver. Carver trails them and trades his horse for the boy who is sickly and considered of small value.

Because of the little slave's interest in studying, Carver educates him, gives him his own name. After being graduated from the University of Iowa the young scientist is assigned to the cotton crisis in the South. He solves it by introducing the idea of rotating peanut and cotton crops. When this results in an oversupply of peanuts he determines to seek new uses. There are now 140 products made from the peanut, including oil, wallboard, shaving cream, ice cream and cones, axle grease, meat sauce, and quinine.

Tuskegee Institute has erected a statue to Carver.

i-j-h 11 minutes $1.50

STORY OF DR. JENNER, THE
(TFC, Restricted to Classroom Use)

Is the story of how Dr. Jenner, the English country physician, discovered how to prevent smallpox by vaccination. It is a splendid dramatic film presenting Dr. Jenner's idea about smallpox prevention, his ridicule before medical men and the hostility of his own townspeople; the testing of his vaccination and its outcome. The plague of smallpox is beaten.

j-h-e 11 minutes $1.85

STORY OF ELIAS HOWE, THE
(TFC, Restricted to Classroom Use)

The story of Elias Howe and his years of struggle to perfect the sewing machine are vividly portrayed. The picture attempts to show that inventors seldom profit from their inventions and rarely enjoy the gratitude of the age in which they live.

i-j-h 11 minutes $1.85

STORY OF GASOLINE (USBM, Color)

Traces the story of gasoline from crude oil to the finished product and explains in simple terms the complex structural patterns of petroleum molecules making up gasoline. Through animation, the various hydrocarbon molecules come to life and separately explain their performances in gasoline. The refining process is shown in detail with all products pictured in different colors for easy identification.

j-h-e 20 minutes Handling charge, $1.00

STORY OF HANSEL AND GRETEL (CAR, Color)

Puppets act out the story of Hansel and Gretel.

p-i-j 10 minutes $2.70

STORY OF JUAN MATEO (MB)

The father of an Indian boy forbids his family to have anything to do with the American padre who comes to the village. Later the near death of his boy from a scorpion bite makes the father realize that though the white man did destroy a civilization, he did bring certain benefits in return.

j-h-e-a 29 minutes $3.70

STORY OF KING MIDAS (BFS, Color)

Animated presentation of a king's greed for gold who is given the power of turning into gold all that he touches. He realizes his greed and is restored to normal when his daughter and food he wishes to eat turn also to gold. p-i-j 10 minutes $3.00

STORY OF LOUIS PASTEUR (ANTHRAX)
(TFC, Restricted to Classroom Use)

Deals with Pasteur's crusade to establish his microbe theory of disease, the opposition to him of the French Academy of Medicine, and his successful struggle to institute a serum treatment for anthrax.

j-h-c-a 17 minutes $3.00

STORY OF LUBRICATING OIL (USBM, Color)

Stresses the importance of lubrication to machinery; shows stills used in separating various products from crude oil; animated drawings explain theory of operation of still; pictures treatment of crude lubricating oil to remove impurities; shows removal of paraffin wax; illustrates separation of oil in various grades in reducing stills, followed by filtration. Follows bottom stock remaining after distillation of crude oil through treatment with chemicals to take out impurities; shows separation of petroleum by centrifuges; also shows flash and viscosity tests in laboratory.

i-j-h-c 20 minutes Handling charge, $1.00

STORY OF LUCY (FPI, Color)

Presents a young woman paraplegic and her rehabilitation program, which enabled her to return to full-time employment.

c-a 18 minutes $4.25

STORY OF MENSTRUATION (IC and WDP, Color)

Animated drawings and diagrams are used to explain the physiology of menstruation in women, suggests methods of care and hygiene, and encourage a healthy attitude toward the process. Special booklets and physiological charts are available for use with the film.

j-h-c-a 10 minutes Postage

STORY OF MONEY (BIS)

Explains the development of the monetary system from the earliest days of simple barter to the complexities of modern banking. Shows the evolution of coins, checks and banking houses, and the part they play in the business world of today.

h-c 16 minutes $2.65

STORY OF NICKEL, THE (USBM)

The film pictures and describes activities and operations in Canada and the United States which are essential to the production of nickel and its alloys. Huge dams, lakes, and power plants situated at High Falls, Canada, are required for mine and mill operations. The closing scenes show nickel alloy strips ground, polished, and prepared for shipment.

j-h-c 34 minutes Handling charge, $1.00

STORY OF OIL, THE (YA)

Shows how a new oil field is located by means of the seismograph, how the oil well is drilled, how the oil is stored as it comes from the well, its transportation to the refinery, and what takes place in the refinery.

i-j-h 18 minutes $2.65

STORY OF OUR FLAG, THE (KB)

An account of how the stars and stripes came into existence and of the influences on its design.

i-j-h 10 minutes $1.50

STORY OF PETER AND THE POTTER (NFBC)

A young boy sees the making of a clay bowl, intended as a gift for his mother, from the original design to the final glazing and baking.

i-j 21 minutes $2.65

STORY OF POTATOES, THE (EB, Color)

From this film we learn the story of one of the world's basic foods. The preparation of potatoes for planting, the planting of the eyes, the cultivation of the crop as it grows, and the harvesting on a modern potato farm in western United States are all depicted. The film also follows the crop through the processes necessary for marketing.

i-j 12 minutes $3.85

STORY OF PREHISTORIC MAN (C, B&W or Color)

A description of the life of prehistoric man, his probable appearance, his habitat, and his achievements. These are reconstructed from authentic evidence—prehistoric tools and weapons, cave paintings and stone carvings, and skeletal remains. The periods of the Old and New Stone Ages are indicated and the geographical areas in which prehistoric man lived are mapped. The achievements of prehistoric man are seen as laying the groundwork for early civilizations.

j-h 10 minutes B&W $1.50,
Color $2.70

STORY OF PRINTING (EB)

Traces the story of printing from ancient times to the present day. Shows early methods of reproducing pictures by means of carved wood blocks and depicts gradual transition from printing of pictures to printing of letters. Includes sequences clearly illustrating Gutenberg's contributions to printing. Shows evolution of modern type faces and improvements in paper on which to print. Suggests the impact of the Industrial Revolution on printing and concludes with scenes of modern book and newspaper presses in operation.

j-h-c-a 45 minutes $4.45

STORY OF RICE, THE (EB, Color)

Photographed in the American rice bowl, this film portrays the activities on a modern rice plantation in Louisiana. It clearly illustrates up-to-date methods of planting, cultivating, irrigating, harvesting, and preparing rice for market.

i-j 12 minutes $3.85

STORY OF ROCK WOOL HOME INSULATION, THE (USBM)

Describes the problems encountered by a young couple who have been offered a drafty house as a wedding gift. While the man and woman are debating the advisability of accepting the offer, a friend tells them the structure can be made comfortable by adequate insulation. Of interest to every home owner is the description presented regarding the cause of draft and loss of heat due to lack of insulation.

h-c 11 minutes Handling charge, $1.00

STORY OF STEEL, THE (KB)

From the mines — where iron ore is found, we trace the refining processes and follow its many uses in the manufacture of such things as watch springs, a skyscraper and a battleship.

i-j-h 11 minutes $1.50

STORY OF SUGAR, THE (EB, Color)

The story of cane sugar is clearly depicted through all stages from planting to preparation for market. The film describes in detail the major processes in sugar production — planting the cane, cultivating the field, harvesting, washing, crushing, and refining. Attention is also called to important by-products.

i-j 12 minutes $3.85

STORY OF TEXAS AND ITS NATURAL RESOURCES (USBM, Color)

Travels through the cities of Ft. Worth, San Antonio, Dallas, Houston, El Paso. Shows the making of natural gas, the smelting of zinc, the production of carbon black and helium, the mining of sulphur and iron ore, the production of magnesium and bromine found in sea water.

j-h-c-a 30 minutes Handling charge, $1.50

STORY OF THE BEES (UW)

The life cycle of the bee is shown by microphotography from the laying of the egg through the development of the larva and the emerging of the mature insect. Details of life in a hive of wild bees follow. The food gathering cycle is demonstrated — from the gathering of nectar and pollen to its storage and eventual use. Other sequences portray the birth of a queen, her triumph over potential rivals, the swarm, the defense of the hive from external enemies as well as from the natural enemy, excessive heat, which threatens to destroy the hive.

j-h-e-a 22 minutes $2.65

STORY OF THE METRONOME (CL, Color)

History of the metronome with musical examples to illustrate its uses. Werner Janssen and Brazilian composer Heitor Villa-Lobos discuss tempo and its importance in musical performance and creation, and some of its interesting facts.

j-h 10 minutes $3.00

STORY OF THE MICROSCOPE, THE (KB)

The history of the development of the microscope is depicted. Its many contributions to man's knowledge of the "invisible world" is brought out.

j-h-e 11 minutes $1.85

STORY OF THE MOUNTAINS (KB)

Shows first the formation of volcanos and how they change the earth's surface. Then with two boys and an Indian guide we penetrate the mountains, study their animal life, and capture a mountain lion cub. The Swiss Alps are shown to reveal the kind of people and industries engendered by the mountains. The attempted conquest of Mt. Everest by the Bruce Expedition brings the program to a close.

j-h-e-a 45 minutes $4.45

STORY OF THE POLAR REGIONS (KB)

Shows the attempts man has made to reach the North Pole and the suffering that he has endured to reach that goal, concluding with Admiral Byrd's flight over the Pole. We then visit the people of the Arctic Region, the Eskimos of Alaska, Labrador, and Greenland, and the inhabitants of northern Siberia. Later we go south to the coldest region in the world — the Antarctic Regions — where we see the whale, the sea lion, the penguins, and other birds, the sole inhabitants of this region.

j-h-e-a 33 minutes $3.70

STORY OF THE TELESCOPE, THE (KB)

This film touches upon ancient astronomical knowledge, the invention of the telescope and development in building both reflectors and refractors. The wonders of the far away worlds are shown.

j-h-e 11 minutes $1.85

STORY OF THE VATICAN (LFI)

Shows the splendors of the basilica of St. Peter's, the murals of Michaelangelo in the Sistine Chapel, the Vatican library and the crypts beneath the cathedral where the Popes are buried. Pictures the Vatican radio station and post office. Presents the Pope addressing his advisory body on peace.

j-h-a 60 minutes $12.00

STORY OF THE VIOLIN (HOP)

The making of a violin, from the gluing of the two pieces that form the back to the playing of the instrument by a master violinist. The shaping of back and sides, of the neck, and the final careful, expert varnishing. Also included is a bit of the history of the violin.

h-c-a 11 minutes $1.85

STORY OF TIME, THE (COR, Color)

An extraordinary and unique film describing the measuring of time through the ages, from the obelisk and sun dial to ultra-modern watches. The film portrays, through models, miniature sets and some animation, a course of events from the beginning of recorded time to the present day.

h-e-a 10 minutes $2.70

STORY OF TRANSPORTATION AND TRAVEL (KB)

The development of transportation from the days when the camel and horse were the fastest modes of travel up to the present days of the Zeppelin, airplane and Zephyr train. Traces the history of steam from the days of Robert Fulton's steamboat, and the development of the gasoline engine from the days of the horseless carriage to the present day.

j-h-c-a 45 minutes $4.45

STORY OF WEIGHTS AND MEASURES (C)

Presents the role of weights and measures in everyday life. Traces the evolution of standard scales of measurement by stressing the need for these standards and portraying the haphazard devices used before their development.

i 10 minutes $1.50

STORY OF WHEAT (KB)

Deals with the history, growth, harvesting and preparation of wheat for its most important use as bread.

j-h 10 minutes $1.85

STORY TELLING: CAN YOU TELL IT IN ORDER? (C, B&W or Color)

A teacher uses a puppet clown, the blackboard, and mounted pictures in teaching primary school children to arrange events chronologically when telling a story.

p 10 minutes B&W $1.50, Color $2.70

STORY THAT COULDN'T BE PRINTED, THE (TFC, Restricted to Classroom Use)

This is the history of John Peter Zenger, pre-Revolutionary War printer and publisher, who was persecuted, arrested and tried for publishing reports reflecting upon the honesty of His Majesty's colonial representative. Zenger's friend, John Alexander, sought and received the assistance of the able retired lawyer, Andrew Hamilton, of Philadelphia, whose presentation before the jury is a masterly statement on the freedom of the press. Zenger's acquittal was one of the first victories for freedom of the press and contributed to the inclusion of this doctrine in the Bill of Rights. It is highly recommended for junior and senior high school classes in civics, social studies and American history.

j-h-c 11 minutes $1.85

STRADDLE AND SURFACE MILLING TO CLOSE TOLERANCES (UW)

Shows the set-up and the selection of cutters used when surface milling a solid block of steel on four sides and then straddle milling the block into a T-section, working to close tolerances. The piece is clamped to the table with the finger clamp-ups in each end.

h-c-a 27 minutes $3.70

STRADDLE MILLING (UW)

Pictures the sequence of operations used when machining the sides of two connecting rods held on a fixture mounted on a table of a No. 2 plain milling machine.

h-c-a 17 minutes $2.65

STRAIGHT AND LEVEL FLIGHT AND EFFECT OF CONTROLS (CAA)

Explains the effect of the controls and how they work. Demonstrates thrust, drag, lift, and gravity and the part each plays in the operation of an airplane. Stresses the attention to proper body posture and the use of trim tabs.

h-c-a 17 minutes Handling charge, $1.00

STRAIGHT FROM THE HORSES MOUTH (BEF, Color)

Shows how supervisors can learn to understand psychological basis of motivation and how they can apply this knowledge. Demonstrates how to obtain maximum results from manpower.

a 12 minutes $2.70

STRAND BREAKS, A (EB, Color)

It reveals the constant ebb and flow of creation and destruction within the web of life, and the competition for survival of all living things. It pictures changes effected in natural growth before man, and reveals how mankind has threatened the welfare of all life by introducing new elements into nature's balance that reduce the earth's carrying capacity. Inescapably the film shows how man must learn to follow the laws of nature to guard the earth from depletion of its resources.

j-h-c-a 17 minutes $4.25

STRANDS GROW, THE (EB, Color)

Traces through prehistoric remains the story of competition and constant change which affect all life from the first single-celled plant to the climax forest. Shows that all life is bound together in the vast web of nature's balance, in which everything depends upon plant-manufactured food. Shows how once-dominant forms of life — the trilobite, the dinosaur, the sabre-toothed tiger — became extinct when they were unable to adjust to the changes in environment.

j-h-c-a 17 minutes $4.25

STRANGE INTERVIEW (GM)

Benjamin Franklin lends a hand to a troubled supervisor.

h-c-a 55 minutes $2.50

STRANGERS FROM AFAR (McGH)

Presents rare and exotic animals of foreign countries now housed in the New York Zoological Gardens. Film also gives information on their native land and food habits.

p-i-j 10 minutes $2.35

STRATEGIC AIR POWER (CAA)

Dramatic documentary presenting the mission of the Strategic Air Command and explaining the role played by the men and planes of SAC in carrying out that mission. Highlighted in the film is a B-36D training flight.

i-j-h-c-a 25 minutes Handling charge, $1.00

STRATTON STORY, THE (TFC, Restricted to Classroom Use)

An excerpt from the feature film of the same title produced by MGM. Shows the recovery of Monty Stratton ace pitcher of the Chicago White Sox, who regained his old skill after losing his leg in a hunting accident.

j-h-c-a 29 minutes $4.00

STREET, THE (BFC)

Shows how the arrival of a vigorous young pastor and the reopening of the church brought new life and a sense of direction and faith to the people of a busy street in a big city.

h-c-a 22 minutes $6.00

STREET OF SHADOWS (McGH)

Pictures life on the Bowery as it is today. In this small patch of New York's lower East Side virtue and vice, poverty and wealth, gayety and misery are thrown together. Here too lives the American spirit of freedom and democracy, and out of the darkness come those who struggle for a better chance in life. Young citizens of tomorrow, with help from charitable and benevolent institutions, work and hope to bring sunshine to "the street of shadows."

c-a 16 minutes $2.65

STREET SAFETY IS YOUR PROBLEM (YA)

Designed to promote safer practices when walking and playing in and near streets, driveways, and highways. Both rural and urban situations are shown.

i-j 10 minutes $1.85

STRENGTH OF THE HILLS, THE (USDA)

Shows rich, hilly country and the many uses made of the timber grown. It also presents a picture of the destruction work and losses incurred by forest fires. Conservation is a new frontier of a richer and better living.

h-c 11 minutes $1.50

STREPTOMYCIN (UW)

Reviews the events and work that led to discovery of the drug streptomycin, by Dr. Waxman at Rutgers University.

j-h-c-a 11 minutes $1.85

STRING CHOIR, THE (EB)

The principal objective here is to show how the string choir's virtuosity makes it the orchestra's most important group. Other objectives achieved are to demonstrate various playing techniques, such as bowing and pizzicato; to present for study the different instruments that make up the choir, and their peculiarities of timbre and tone. All these are done in full orchestral setting both as to action and sound. (See Brass Choir, Percussion Group, Symphony Orchestra, Woodwind Choir.)

i-j-h-c 11 minutes $1.50

STRUGGLE FOR OIL (BIS)

A history of the search for oil fields during the past 80 years, including British properties in Iran, and Saudi-Arabia.

h-c-a 21 minutes $2.65

STUDENT GOVERNMENT AT WORK (C)

Shows how an active student council, which handles many student projects, helped solve a lunchroom congestion problem by cooperating with the principle and adviser, finding out the causes of the problem, submitting several proposals to remedy the situation, and respecting the limits of its own authority.

j-h 11 minutes $1.50

STUDY OF VOCAL CHORD ABNORMALITIES, A (UM, Color)

Intended as a teaching film for physicians and medical students. Pictures the function and movement of normal human vocal chord and pyriform sinuses. The effect of Bulbar Poliomyelitis upon the larynx and vocal chords and the abnormalities that follow are emphasized. Shows the manner and technique used to photograph the larynx and the moving vocal chords.

c-a 14 minutes $5.00

SUBTRACTION IS EASY (C)

In this companion film to Addition Is Easy, Billy faces the problem of deciding whether he will have enough money to buy a baseball after purchasing paints and a bat. Students see mathematics in action — and from this film learn borrowing, place value, and other fundamentals of subtraction. Also teaches the relative value of coins in our monetary system.

p 10 minutes $1.50

SUCCESS STORY (IFB)

Shows the opportunities for building a permanent career, starting as a sales clerk and moving through the higher levels of employment to a position of buyer.

h-c-a 8 minutes $1.85

SUCCESSFUL SCHOLARSHIP (McGH)

Helen learns that good scholarship means good study habits. Planning, place and method are important parts of the study pattern of a good student and are illustrated by an average student in her day-to-day routine at school and at home.

j-h-c 15 minutes $3.00

SUGAR CANE (USDA)

Shows the planting, cultivating, harvesting, and refining of sugar cane.

j-h-c 16 minutes $2.00

SUITE OF BERBER DANCES (AFF)

A study of three folk dances of the isolated Berbers of Morocco. (1) A sophisticated dance by a group of men who provide their own music with stringed instruments and drums. It is a dance which urban Berber hosts entertain their guests with; (2) A rural dance by the Tasqueens; (3) the fiery and frenzied "Guedra" danced by a Nomad girl of the western Sahara.

h-c-a 11 minutes $4.00

SULMET SULFAMETHAZINE IN THE TREATMENT OF LIVESTOCK DISEASE (LE, Color)

Special attention is given to the major infectious diseases of horses, swine, sheep, beef cattle, and dairy cattle. The wonder-working sulfa drug, Sulmet Sulfamethazine designed especially for veterinary use is employed and the results of treatment is shown.

h-c-a 35 minutes $4.00

SULPHUR (USBM)

Depicts all the processes in the production of sulphur: drilling wells; sending steam to bottom of wells; storing of liquid sulphur; removing of sides of sulphur vats; blasting and shipment of the sulphur.

j-h-c 22 minutes Handling charge, $1.00

SULPHUR AND ITS COMPOUNDS (C, Color)

Highlights in the history of this element, some of its present uses and its physical and chemical properties are illustrated.

j-h-c 10 minutes $2.70

SUMMER ON THE FARM (EB, Color)

Joan and Jerry Johnson watch the growth of plants and animals during the summer. As they work and play on the farm, they have opportunities to see live, growing things that interest them.

p-i 11 minutes $2.70

SUN, THE (ISO)

Through the use of the telescope, spectroscope and the camera the great globe of the sun is analyzed.

j-h-c-a 10 minutes $1.85

SUN, EARTH AND MOON (NA)

These three words allow John Kieran to explain, in lay terms, graphically as well as pictorially the reasons for day and night, as well as the seasons of the year in various parts of the hemisphere.

i-j-h-c-a 11 minutes $1.85

SUNDAY IN THE VALLEY OF MEXICO (OIAA)

What to do and see on Sundays near Mexico City — from viewing pyramids to modern dancing.

general 11 minutes $1.85

SUNFISH (EB)

Presents the life of the sunfish from the preparation of the nest, the laying and fertilizing of the eggs, the hatching of the eggs, and the development of the fish to maturity. The underwater shots are excellent and the photography unusual.

j-h-c 11 minutes $1.50

SUNRISE SERENADE (EB, Color)

Many Indian dances seem to have been taken from the sunrise mating dances of the grouse. The film shows three different species of grouse; the Prairie Chicken, in western Missouri, the spiny tailed pheasant, on the high plateau between the White and the Wyoming mountains, and the Sharp Tail in south Saskatchewan. Brilliant sound recording and color photography have captured the fascinating sights and sounds of the booming grounds at sunrise.

general 28 minutes $5.20

SUN'S FAMILY, THE (YA)

Explains what the solar system is: that the sun is really one of the smaller stars, and that the nine planets revolving around it constitute its "family," that the earth is one of those planets, and that each planet travels in a fixed orbit around the sun.

i-j 11 minutes $1.50

SUPAI INDIANS (C, Color)

At the rim of the Grand Canyon of the Colorado live the last remnants of a great Indian tribe, the Supai, who now number only 175. The breath-taking beauty of their natural surroundings is the backdrop for this study of their customs, industries and habits.

i-j-h-c 10 minutes $3.00

SUPER SERVICE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

SUPERVISING WOMEN WORKERS (USOE)

The same rules apply in supervising both men and women. Women, however, haven't the same background of industrial experience and very often have more home responsibilities than men. These facts must be taken into account by the supervisor.

h-c 11 minutes $1.85

SUPERVISING WORKERS ON THE JOB (USOE)

Various kinds of poor supervision practices are shown, among them, nagging, snooping, etc. By drama-

tized incidents, the poor results of these methods are made apparent.
h-c 10 minutes $1.85

SUPERVISION — BUDGETING TIME AND EFFORT (CAA)

Reveals to supervisors specific techniques that may be used in budgeting time and effort: check work to be done each morning; have a definite inspection plan; check unfinished work at the close of the day; train and orient new employees; delegate some routine work to others to allow time for planning; budget time to allow for unforeseen emergencies.
16 minutes Handling charge, $1.00

SUPERVISION — DEVELOPING COOPERATION (CAA)

Discusses the right and wrong ways of supervision, and emphasizes cooperation among workers.
14 minutes Handling charge, $1.00

SUPERVISOR AS A LEADER, PART I (USOE)

Several workmen are asked what they consider to be the qualifications of a good supervisor: Always keep promises. Never take credit for someone else's work. Don't pass the buck. Don't play favorites.
h-c 19 minutes $3.00

SUPERVISOR AS A LEADER, PART II (USOE)

Four supervisors discuss the qualities of leadership. Dramatized incidents make clear what they mean. One man lets his job go to his head. Another goes to pieces under pressure, he can't control himself.
h-c 11 minutes $2.00

SUPREME COURT, THE (MOT)

How the United States Supreme Court works, how a case gets to and through the Court, and the extent of the Court's authority are given major emphasis. The role of the Court in preserving our political institutions and its effect upon our national life is examined.
h-c-a 11 minutes $1.85

SUPREME COURT, THE (C)

This story about the Supreme Court of the United States begins in a city a thousand miles from Washington. As we follow a case from inception, through the lower courts, to final hearing before the Supreme Court, we learn the relationship of the court to the "plain citizen." We see the Supreme Court as the guardian of Constitutional rights, learn its function, powers, and jurisdiction.
h-c 10 minutes $1.50

SUPREME COURT, THE (PFC)

Discusses the history and working of the Supreme Court as one of the three branches of the federal government. Principally under the guidance of John Marshall, the court established itself as an authority free from the interference from Congress and the President.
j-h-c-a 19 minutes $2.65

SUR LE PONT D'AVIGNON (NFBC, Color)

Puppets, dressed in medieval costume and set against painted backgrounds reminiscent of the Palace of the Popes and the ancient bridge at Avignon, dance to the tune of this old and well known repetitive folk song.
i-j 6 minutes $3.00

SURF SAFETY — RIPTIDES (UC)

Animation and photographs show what a riptide is, how it is formed, and why it is a dangerous hazard to surf bathers.
h-c-a 10 minutes $1.85

SURPRISE FOR JEAN, A (EB, Color)

It is Jean's sixth birthday, and mother has planned a big surprise. Jean and Frank are sent on an errand. While they are gone, Jean's little friends come to her house with birthday presents. Quickly they hide themselves. When Jean and Frank return, the guests rush out and shout "Happy Birthday!" The presents are opened and the girls enjoy refreshments around a festive table.
p 5 minutes $1.60

SURPRISE PACKAGE (HFE, Color)

A cartoon.
p-i 10 minutes $2.00

SURVIVAL OF THE FITTEST (AAF)

The purpose of this project is to show the over-all function of the physical training program and physical fitness program of the Army Air Forces. The scenario relates this background of physical conditioning to the stamina that enables Army Air Force men and women to carry on under the most trying and most exhausting conditions.
h-c 17 minutes $2.65

SURVIVAL UNDER ATOMIC ATTACK (UW)

Gives an understanding of the atom bomb and how it produces destructive effects by blast, heat, and radioactivity. With this understanding, we can get an idea of how to defend ourselves against it. The film goes into considerable detail about self-protection in homes, on streets and in factories.
h-c-a 10 minutes $1.85

SUSAN B. ANTHONY (EB)

Retells the story of her work as she sowed the seeds and one day harvested woman suffrage. Highlights her activities in organizing the women's temperance movement, in obtaining property rights for women, in campaigning for voting privileges; in short, in having women recognized as citizens.

h-a 22 minutes $2.65

SWAN, THE (BFS)

A musical number featuring Saint-Saëns' well-known composition of that name.

j-h-c 6 minutes $1.50

SWEDEN (MOT)

Sweden's paradoxical yet unique balance of monarchy, capitalism, and socialism — the "Middle Way" — is shown.

j-h-c 14 minutes $2.65

SWEDEN LOOKS AHEAD (McGH)

Since Sweden's people have been left in peace for over a hundred years they have developed a way of life admired the world over. She has been able to eliminate extremes of poverty and riches, and all benefit from her famed middle way. Controlled lumbering and reforestation, arable lands held by working farmers, an even distribution system featuring all types of co-operatives, and strong, progressive labor unions are only some of the aspects of her economic development. Sweden looks ahead with high hopes that her way of life will be preserved.

j-h-c-a 18 minutes $3.00

SWEDEN'S FUTURE ARTISANS (FON)

Swedish children in elementary schools are seen at work with every-day materials, producing toys and useful articles for gift and holiday use, and being trained in employing available raw materials. Open air gymnastics are also included.

j-h-c-a 14 minutes $3.00

SWIMMING: AQUA ACES (RKO)

Women swimming champions, Patty Aspinall, Betty Bemis, Nancy Merki, Brenda Helser, and others.

h-c-a 15 minutes $2.65

SWIMMING: AQUA QUEENS (RKO)

Four of the nation's top women swimmers, Marilyn Sahner, Marion Pontacq, Brenda Helser, Helen Crlenkovitch Morgan, show how swimming and diving titles are won.

h-c-a 15 minutes $2.65

SWIMMING: AQUAPOISE (RKO)

Aquaplaning on the Florida water-ways.

h-c-a 15 minutes $2.65

SWIMMING: ATHLETE OF THE YEAR (RKO)

Ann Curtis, National Swimming Champion wins the 1945 Sullivan Award.

h-c-a 15 minutes $2.65

SWIMMING: CHAMPION MAKER (RKO)

How aquatic champions are made under tutelage of Charles L. Swain of Indianapolis.

h-c-a 15 minutes $2.65

SWIMMING — CRAWL STROKE (UW)

Illustrates the basic principles of the stroke — the arm stroke, the kick, and breathing. Includes slow motion shots under water.

h-c-a 8 minutes $1.85

SWIMMING: MEXICAN PLAYLAND (RKO)

Aquatic sports at Acapulco, Mexico.

h-c-a 15 minutes $2.65

SWIMMING: SWIM BALLET (RKO)

Swimming ballerinas perform with grace and motion at Wakulla Springs, Florida.

h-c-a 15 minutes $2.65

SWIMMING AND DIVING ACES (ICS)

We learn, through slow motion, in this film what makes good divers. Every type of twisting, turning dive is shown.

general 11 minutes $1.85

SWIMMING FOR BEGINNERS (OF)

Instructing a 10 year old child in the basic fundamentals of swimming, from the conquest of fear to breathing, arm strokes, and co-ordinated deep water swimming.

j-h-c-a 11 minutes $1.85

SWIMMING — PARTS I, II, III (UW)

Part I. The Beginner: Shows how to breathe properly, to kick, and to float. 6 minutes

Part II. Getting Afloat: Shows how to move along in the water using primary strokes. 5 minutes

Part III. Advanced Strokes: Shows advanced strokes and kicks. 5 minutes

i-j-h-a $1.50 each Part

SWINGING INTO STEP (UW)

Shows how amputees are rehabilitated physically and psychologically for a return to normal living.

h-c-a 33 minutes $3.70

SWINGTIME HOLIDAY (UW)

Gus Arnheim and his Orchestra with the Delta Rhythm Boys and Jimmy Dodd.

general 20 minutes $2.65

SWISS ON WHITE (NA)

Shows the world's greatest figure skaters and ski jumpers skillfully at play in a sequence of action at St. Moritz, where European contestants are limbering up for the Olympic winter sports. The skill and grace of Sonja Henie, Roger Turner and Maribel Vinson are seen. Subsequent shots show bob-sledding and ski-marathons.

h-c-a 10 minutes $1.50

SWITZERLAND (IFI, Color)

A trip to Berne and Zermach pictures the watchmaking, the sports, the parade of independence, the resorts, and mountain climbing typical of Switzerland.

j-h-c-a 10 minutes $2.70

SWITZERLAND TODAY (McGH)

A report on one of the world's oldest democracies which lived in peace for almost a century while surrounded by war, revolution, famine and aggression.

j-h-c-a 18 minutes $2.65

SYMPHONY OF THE ARTS (NMCM, Color)

Shows how the departments of music, art, dance and speech cooperate in the production of dramatic, operatic and ballet performances at the National Music Camp at Interlochen, Michigan.

h-c-a 25 minutes $5.20

SYMPHONY OF YOUNG AMERICA (NMCM, Color)

Shows rehearsals, concerts, broadcasts, famous guest conductors at work, recreational activities and surroundings of the National Music Camp at Interlochen, Michigan.

general 20 minutes $4.25

SYMPHONY ORCHESTRA (EB)

The objectives of this film are as follows: first, to present accurately and dramatically the symphony orchestra; second, to show the relation of composer and conductor to symphonic music; third, to elaborate the various choirs that make up the orchestra, and the chief functions of each; fourth, to present gems of music literature; and fifth, to give opportunity for study of the conductor's technique. The orchestra in this series was made up largely of New York Philharmonic Symphony players, and was under the baton of Howard Barlow. (See BRASS CHOIR, PERCUSSION GROUP, STRING CHOIR, WOODWIND CHOIR.)

i-j-h-c 11 minutes $1.50

SYNAGOGUE (UW)

On the Sabbath morning, men carrying prayer shawls go with the women to the Synagogue, where they sit separately. Prayers open the service which is closed by the singing of psalms. In a home in Jerusalem, the Passover meal is served and the threefold ceremony of partaking of the cup is observed, with singing of the prescribed psalms.

h-c-a 22 minutes $3.00

SYNGAMY AND ALTERATIONS OF GENERATION IN ALLOMYCES — A WATERMOLD (ATB)

All the major features of reproduction are revealed in considerable detail and exceptional clarity necessary in a film of this order. A-sexual propagation by diploid zoospores is shown to illustrate rapid multiplication and spread without change in chromosome number. This is followed by a step by step portrayal of the main sexual cycle.

c 20 minutes $2.65

SYNTHETIC FIBERS (EB)

Reveals how modern science and technology have made possible the development of new synthetic fibers for making textiles — specifically rayon and nylon. Compares the making of these fibers to similar processes in nature. Calls attention to the materials used in manufacturing commercial synthetic fibers, and then explains the different stages of processing in order to obtain the final products.

h-c 14 minutes $2.25

SYNTHETIC RUBBER (USBM)

Opening scenes show a chemist in his laboratory in search of a material having the same composition as natural rubber. The characteristics of natural rubber were the result of the discovery by Charles Goodyear of the secret of vulcanization. When our imports of natural rubber were found to be inadequate, scientists began an intensive search for a synthetic product to replace natural rubber. The experiments of Michael Faraday, Greville Williams, and Sir William Tilden are recalled, and the two most important types of synthetic rubber are compared.

j-h-c 21 minutes Handling charge, $1.00

T-MEN OF THE TREASURY DEPARTMENT (McGH)

Dramatizes the duties of the T-men of the Treasury Department. Tells the story of each of the six law enforcement agencies and shows its operatives in action. In a sequence reenacting the capture of a gang of moonshiners, the film depicts the close cooperation that prevails between the various enforcement units.

j-h-c-a 20 minutes $3.00

T V A (RKO)

The vivid story of man's victory over one of the great forces of nature, turning its might of power from a fury of flood to beneficient electricity.

general 18 minutes $2.65

TABBY'S KITTENS (AB, Color)

Tabby surprises the children with a family of newborn kittens. Tabby cares for the kittens and the children assume their share of responsibilities for the new family. As the kittens grow they have many experiences as they explore the house.

p 10 minutes $2.70

TABLE MANNERS (C)

After a graphic identification of all the pieces of flat silver in general table use today, the opportunity is given to study the fundamentals of good table manners at a dinner sequence in a family home without servants. Following the use of utensils is a series of illustrations of the handling of foods which are considered difficult to manage, such as asparagus, spaghetti, cream-filled desserts, etc. Later scenes cover the handling of awkward situations.

i-j-h 11 minutes $1.50

TABLE TENNIS (TFC, Restricted to Classroom Use)

Table tennis, with experts playing in singles and doubles, is shown here. After an explanation of the grip, the players demonstrate push shots, service, spin shot and return, forehand and backhand shots, and footwork.

j-h-c 10 minutes $1.85

TACHISTOSCOPIC TECHNIQUES WITH THE CEREBRAL PALSIED (LTS)

Using the tachistoscope to aid in the teaching of cerebral palsied students.

c-a 10 minutes $2.35

TACKLING IN FOOTBALL (EB)

Demonstrates good tackling, the importance of condition, speed, body control, grip and timing. Safety measures are illustrated. (See BALL HANDLING IN FOOTBALL, and BLOCKING IN FOOTBALL.)

j-h-c 10 minutes $1.50

TAFT CENTER STORY (TYA)

Shows the evening classes and activities for adults at Taft High School, New York City. Includes ceramics, woodworking, oil painting, group piano lessons, French, psychology, dressmaking, modern dancing.

c-a 22 minutes $2.65

TAKE A LETTER PLEASE (UW)

Burlesques the common faults of people who dictate letters, such as: The scatterbrain, who isn't prepared, the speed demon, dreamer, mumblemush and Simon Legree. Shows the proper method of dictating.

h-c-a 22 minutes $2.65

TAKE-OFFS AND LANDINGS — PART I: THE TAKE-OFF (CAA)

Covers ground check before take-off, engine-starting procedure, taxiing, take-off, climbing, level flight — using Air Force BT-13A plane.

c-a 25 minutes Handling charge, $1.00

TAKE-OFFS AND LANDINGS — PART II: THE LANDING (CAA)

Explains what a landing is, what a traffic pattern is, five factors to consider in making a landing. Demonstrates the proper procedure for landing a BT-13, power off; analyzes common errors in landing; explains power landings and demonstrates proper landing procedure with engine throttled back.

c-a 28 minutes Handling charge, $1.00

TAKING CARE OF OUR GARDEN (EB, Color)

In this film we see the kinds of damage done to vegetable plants by various insect pests and how these pests can be controlled. We also learn about certain helpful insects and about how the soil of the garden can be kept in good condition for the growing plants.

i-j 11 minutes $2.70

TALE IN A TEACUP (TBFL)

Here is the story of tea from its early Oriental beginning to its place in the modern world. The first part of the film is concerned with the spread of tea throughout the world. It tells of the scarcity of tea in Occidental countries and its consequent priceless value during early tea-drinking days. Then, with the introduction of tea trees to India, the tea market became more important and tea became available to more people. World use of tea developed into a great business. The film shows modern techniques of tea handling, processing, and grading.

general 20 minutes $2.65

TALE OF TWO CITIES (TFC, Restricted to Classroom Use)

This is a condensed school version of the feature picture produced by Metro-Goldwyn-Mayer in 1935 based on the Charles Dickens novel of the same name. Ronald Colman plays the part of Sidney Carton. In this version of the photoplay not only is the complete story presented in a way to stimulate the interest of students in English literature to a further study of this classic novel, but social study groups will find stimulating material in observing the causes of mass rebellion against the aristocracy of France during the revolutionary period and will be impressed by the injustices which result when poorly organized mob rule, in the name of Democracy, assumes control of a nation's affairs.

j-h-c 40 minutes $4.45

TALE OF TWO CITIES: HIROSHIMA AND NAGASAKI (UW)

What the atom bomb did to the only two cities on which it has thus far been dropped. Careful study of blast effects at varying distances from the center of the explosion. A monk gives an eyewitness account of the blast. A realistic documentary film which presents a problem we must all face.

e-a 10 minutes $2.00

TALE OF TWO TOWNS, A (AGR)

How the people in two towns sought to make their communities better places in which to live. Working together and centering their activities in the schools, they attempted to gain a better life for themselves and their children.

c-a 45 minutes $10.00

TALES FROM THE VIENNA WOODS (UW)

The music of Johann Strauss brought to life by the Vienna Philharmonic and interpreted in well-executed ballet scenes.

h-c-a 10 minutes $1.85

TALES OF HOFFMAN (UW)

Magnificent music from high points in the famous opera.

j-h-e 10 minutes $1.85

TALKING CAR, THE (AAA)

Through animation, an automobile gives eleven year old Jack and Mary a "car's-eye view" of traffic safety rules for pedestrians. What they have learned in school is reinforced by actual scenes of good and bad safety habits.

i-j 15 minutes $2.65

TALKING HANDS (UOK, Color)

A discussion of Indian sign language — the most efficient sign language in the world. First simple words, phrases and ideas are demonstrated, and then a storyteller recounts the story of the battle of the Lodge-Pole River in sign language, while a narrator translates.

j-h-c-a 20 minutes $4.25

TALKING VALENTINE, A (EB, Color)

Linda makes a valentine box to take to school. At school she finds a parakeet on the window ledge and the class names him Valentine. He is returned to Mrs. Jones, the good-natured traffic lady.

p-i 7 minutes $1.60

TALL SHIP ON DEEP WATERS (TOM, Color)

The story of a voyage under sail of a crew of school boys and girls in the schooner "Wander Bird." It covers the vicissitudes of a round trip from San Francisco to Hawaii.

i-j-h-a 21 minutes $4.25

TALL TALE, A (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

TALL TALES (BRF)

The following American folk songs are presented: "Strawberry Roan," "Grey Goose," and "John Henry." Features Burl Ives, Winston O'Keefe, Josh White and Will Greer.

j-h 10 minutes $1.85

TANGLEWOOD (UW)

The story of the Tanglewood Music Festival near Boston. Musicians from all over the world gather in a casual atmosphere of music for enjoyment. Some of the world's finest musicians playing the world's finest music.

h-e-a 20 minutes $3.00

TANKS (OWI)

The manufacture of the M-3 medium tank is graphically described. This picture was photographed at the Chrysler Detroit Tank Arsenal, Fort Knox, Kentucky, and an unnamed Eastern Seaport. In telling the tale of how the M-3 medium tank is assembled, tested and shipped overseas, all the component factors are fused into an outstanding reel.

h-c 11 minutes $1.50

TARGET — BERLIN (OWI)

Here is a good film that tells how Canada mobilized her strength to turn out giant bombers in a plant that had previously made only light aircraft. The Lancaster, the longest range bomber in the world, called for the skills of thousands of men. People came from all parts of Canada to build her. The crew of this first long range bomber is shown on its mission to Berlin.

h-e 17 minutes $2.65

TARGET FOR TODAY (AAF)

This is the most comprehensive story ever told of an air bombing mission and is perhaps the most complete combat documentary film made of an Eighth Air Force Mission. It was produced, directed, and edited by Lt. Col. William J. Keighley, Chief of the Motion Picture Services Division, Office of Assistant of Air Staff Intelligence. It is the story of a bombing raid from the planning stage, through briefing, take-off, flight, "bombs away," the return home, report of the fliers to intelligence officers, and what is done with the information brought back.

h-e 93 minutes $2.50

TARGET FOR TONIGHT (OWI)

An account of an actual air raid by the Bomber Command of the Royal Air Force. Aerial photographs disclose the objective to be raided. After planning and preparation routines are shown, the camera stays with a Wellington bomber while its objective is reached, bombing is completed as scheduled, and the plane reports back to headquarters.

h-e 48 minutes $2.50

TARGET INVISIBLE (OWI)

Tells you what the eleventh man did on a B-29. Reveals many radar secrets from a B-29 while in action.

general 10 minutes $1.50

TARGET: TOOTH DECAY (UOK, Color)

Through the use of a compact series of explanatory examples, points out the value of modern dental care with emphasis on sodium fluoride treatment. The opening sequence shows a group of Cleveland County grade school children at play and raises such questions as: Are children so healthy after all? Aren't bad teeth too high a price to pay? What can be done about tooth decay? It then proceeds to answer the questions, suggesting, among other things, concerted community-wide action.

h-c-a 10 minutes $2.70

TASK FORCE (OWI)

In this picture, the fighting men of the Coast Guard are shown fulfilling their mission escorting a convoy and landing invaders. An exciting episode in the sinking of a submarine is revealed. Before reaching their destination they encounter enemy planes. With navy guns pounding the shores hour after hour, the Coast Guard landing barge crews are ready to do their job. As the beachhead position is consolidated, the last ship is unloaded — their mission has been completed.

h-c 22 minutes $2.65

TEACHER, THE (EB)

Tells the story of a teacher who is offered another job but who decides to remain in her chosen profession. Emphasizes the important work of a teacher in training future citizens. Describes the training teachers receive and suggests some of the satisfactions they get from their work.

i-j-h 17 minutes $2.25

TEACHER AS OBSERVER AND GUIDE, THE (TC)

Using actual classroom practice, directs attention to the importance of the teacher as an observer and guide of pupil growth. Shows teachers guiding pupils to better ways of solving their problems; providing needed assistance to slow learners; promoting the growth of character and citizenship; and observing and stimulating the development of artistic talent.

c-a 20 minutes $3.00

TEACHERS' CRISIS (MOT)

The story of the critical situation which faces the American teacher and which constitutes a threat to our entire educational system.

general 17 minutes $2.65

TEACHERS FOR TOMORROW (UWI)

A vocational guidance film on teaching. While indicating the expected demand for more elementary and secondary teachers, the film depicts the selection and preparation of teachers at all school levels. Student teachers are shown in teaching situations under the guidance of experienced personnel. The functions of a teacher placement bureau are shown.

h-c 22 minutes $3.00

TEACHING (M)

States the contributions of teachers to American democracy and presents the traits of a good teacher, the attractions in teaching, the educational requirements, and the various types of teaching jobs.

j-h-c-a 11 minutes $1.85

TEACHING (VGF)

Covers educational and training requirements and shows the activities in which a teacher partakes in the modern school.

h-c 11 minutes $1.85

TEACHING CRUTCH WALKING (UW)

Shows how the physical therapist teaches the bed patient reconditioning exercises; how to teach the patient to walk in a walker; how to teach the various methods of crutch walking — two-point, four-point, and swinging; how to teach the patient to sit, rise, and climb stairs; and the safety factors involved in crutch walking.

a 13 minutes $2.65

TEACHING MARGINAL REMINDERS: SHORTHAND (McGH)

Part of a series of six films demonstrating the teaching of shorthand in actual classroom situations. Other titles are: FIRST LESSON IN GREGG SHORTHAND SIMPLIFIED, TYPICAL LESSON IN GREGG SHORTHAND SIMPLIFIED, DEVELOPING SHORTHAND SPEED, DOING HOMEWORK IN GREGG SHORTHAND SIMPLIFIED, and DOING HOMEWORK IN GREGG SHORTHAND SIMPLIFIED: FUNCTIONAL METHOD.

h-c-a 10 minutes $2.00

TEACHING MATERIALS CENTER (VDE)

Shows the organization, variety of materials, and classroom significance of a county teaching materials center.

i-j-h 11 minutes $1.85

TEAMWORK (SM)

An object lesson in cooperation within a social group. A school group, planning and putting on a dance, illustrates various types of cooperation — open discussion, cooperation for mutual benefit, using trickery, using force, etc. These illustrations are then related to a larger picture — how they work in national and international relations. Emphasizes necessity for social teamwork at all levels in today's world.

j-h 18 minutes $3.00

TECHNIQUE OF TENNIS
(TFC, Restricted to Classroom Use)

A tennis instructor, Lloyd Budge, brother of Don Budge, demonstrates correct practices in such fundamentals as forehand and backhand grips, routine shots, and service. Explanations of footwork, timing, and an exhibition of net play complete the film. Slow motion photography is used for showing form and technique.

j-h-c-a 9 minutes $1.85

TECHNIQUES OF GRAVIMETRIC ANALYSIS (UI)

Demonstrates proper procedures of gravimetric analysis, including importance of accurate weighing, proper methods of obtaining precipitates, importance of care in getting precipitates. Emphasizes importance of accuracy in each step to success of subsequent steps.

c-a 30 minutes $4.45

TEDDY BEARS AT PLAY (UW)

Shows the Australian Koala Bear at play, running around on the ground — wrestling with other Koala Bears, in trees, etc. A nice musical background and a voice singing a song about Teddy Bear's Picnic.

p 9 minutes $1.85

TEDDY, THE ROUGH RIDER
(TFC, Restricted to Classroom Use, Color)

The biography of Theodore Roosevelt from 1898 to 1914 shows his activity successively as President of New York Police Commission; as Assistant Secretary of the Navy; his organization of the Rough Riders and participation in the Spanish American War; his election as Governor of New York State; his nomination and election to the Vice Presidency and Presidency of the United States. Throughout the film the impression is given of rugged and constructive honesty in his handling of self-seeking politicians, labor disputants and un-American influences, both before and after the First World War.

i-j-h 19 minutes $4.25

TEEN AGE FARM HAND (F, Color)

Shows the farm activities of a boy who takes care of the animals, milks cows, runs the farm machinery, etc. Contains much factual knowledge of farm work.

p-i-j-h 11 minutes $2.70

TEEN NUMBERS (YA)

Develops the meaning of the place value of the teen numbers. Concepts developed in this film are basic to understanding the nature of our decimal number system.

p 11 minutes $1.85

TEETH, THE (EB)

Animated drawings and direct photography present vividly four vital problems in connection with teeth. They are: how teeth develop and grow, which foods help to build strong teeth, how to brush the teeth, and how the dentist cares for our teeth. The development and growth from the time when the first tooth bud appears in the three-month-old embryo until appearance of the final permanent tooth in the late teens is presented by animated drawings.

i-j-h-c 11 minutes $1.50

TEETH ARE TO KEEP (NFBC, Color)

Fine cartoon technique demonstrates in an interesting and entertaining manner four ways in which teeth may be kept healthy. Brushing teeth after eating, eating the right kinds of foods, avoidance of too many sweets, and visiting the dentist twice a year are the four steps suggested. They are presented slowly and clearly enough that children can grasp them easily.

p-i 10 minutes $2.70

TEHUANTEPEC (OIAA, Color)

Tehuantepec, with its thatched roofs, picturesque countryside, and faithfully preserved traditions is one of Mexico's most attractive villages. The women of Tehuantepec dominated the scene in the market place; for it is understood that the men are to work in the fields while the women engage in trade. The clothing worn is exceptionally beautiful and bright colors are inevitable. A gay wedding party is shown and a fruit festival is vividly described.

general 10 minutes $2.70

TELEPHONE AND TELEGRAPH (VGF)

The role of both operators and maintenance people with both simple and complex equipment, like Teleprinters and Multiplex machines, is well illustrated. The need for some highly specialized technically trained people in both the telephone and telegraph business is mentioned. Reference is also made to office workers and managers in this interesting guidance film.

j-h 11 minutes $1.85

TELEPHONE AND THE FARMER (UW, Color)

Hampered and isolated by an inadequate telephone service, the people of the community decide to form a cooperative and seek financial assistance provided through the telephone loan program of the Rural Electrification Administration. How they succeed in obtaining the loan and establishing a modern telephone service is the heart of the story.

c-a 30 minutes $1.50

TELEPHONE TECHNIQUE (IFB)

General telephone manner, knowledge of stock, correct names and addresses and the importance of a descriptive vocabulary when speaking of merchandise.

h-c-a 9 minutes $1.50

TELEVISION: HOW IT WORKS (C, B&W or Color)

The fundamentals of television broadcasting and reception are shown from transmission by electron beams in a camera to the image on a television screen. Includes operation of a cathode ray tube, an image orthicon tube, an electron gun, deflecting coils, and a syncgenerator.

h 11 minutes B&W $1.50, Color $2.70

TELEVISION TODAY (IMO)

Discusses and illustrates television and its place in the home. Shows that television is for every income group and supplies information and entertainment for all age groups and all interests. This age of communication has reached a new peak through television and the reason is amply illustrated.

j-h-c-a 30 minutes $3.70

TELLING TIME BY THE CLOCK (BFS)

Shows the basic principles of telling time and explains the relationship between days and hours, minutes and seconds, etc.

p-i 11 minutes $1.85

TELL-TALE HEART, THE
(TFC, Restricted to Classroom Use)

This film presents a dramatization of Edgar Allen Poe's "The Tell-Tale Heart," which deals with a weaver's apprentice who murders his cruel master and is driven to confession by a guilty conscience and the imaginary, haunting sound of the murdered man's heartbeat.

h-c 20 minutes $3.00

TEN TALENTS (BFC, Color)

Puppets enact the parable of Jesus.

p-i-j 14 minutes $7.50

10,000 FEET DEEP (SOC)

This picture was filmed in the beautiful bayous of Louisiana and will give authentic information on present-day methods of oil exploration and drilling.

j-h-c 20 minutes Handling charge, $1.00

TENNIS: COURT FAVORITES (RKO)

The nation's finest tennis players show the high points of the game featuring Bill Tilden, Vincent Richards, Karel Kozeluh, George Lott and Bruce Barnes.

h-c-a 15 minutes $2.65

TENNIS FOR BEGINNERS (OF)

Former tennis champion Bill Tilden narrates and appears in the film to teach a boy how to play tennis. The boy is shown attempting each step, and the film ends with the beginner and the expert playing a game.

i-j-h 11 minutes $1.85

TENNIS RHYTHM
(TFC, Restricted to Classroom Use)

Presents Bobby Riggs winning the national tennis championship at Forest Hills. Later, at his tennis school in Chicago, Bobby demonstrates how to make various shots correctly — the group, service, forehand drive, backhand, etc. In regular and slow motion.

h-c-a 9 minutes $1.85

TENNIS TACTICS
(TFC, Restricted to Classroom Use)

Here Fred Perry shows us the technique in practicing for sustained relays and for short placement. This is followed by illustrations of teaching technique for service, pivot shots, a spinning ball, and a service stance. Slow-motion photography is used extensively.

j-h-c 11 minutes $1.85

TERRIBLE TRUTH (SD)

Documents the story of one teen-age girl, typical of youthful addicts. Starting with an occasional marijuana cigarette, she is induced to experiment with a "fix" of heroin. In a few days she is a hopeless "hype," ends up with a criminal record and a blighted future.

Judge William T. McKesson of the Los Angeles Juvenile Court, appears in the film, to present the arguments against having any contact with drugs in any form.

h-c-a 10 minutes $2.00

TERRIBLE TWOS AND THE TRUSTING THREES, THE (McGH)

An examination of the growing years between two and four. The two-year old's constant activity may seem undirected but he is learning and he must have a wide range for his mind and body to grow. When discipline is necessary, it comes best in some form of detraction. But at three his orbit has expanded and he is interested in the activities of those around him. His activities become more purposeful and he is very conscious of social approval. He is interested in practicing newly-acquired skills and frequently forgets his food, he is so interested in talking. But at his age talking is so much more important.

c-a 20 minutes $2.65

TERRITORIAL EXPANSION OF THE UNITED STATES FROM 1783 TO 1853 (IG)

Depicts the growth of the United States from colonial infancy to full continental stature. Animated maps are used extensively, and boundary disputes are clearly explained. The subject is portrayed in a manner to accord with modern teaching methods.

j-h-c 20 minutes $3.00

TERRITORIAL POSSESSIONS OF THE UNITED STATES (IG)

Continuing the story of American expansion, the film covers in detail the acquisition of the insular possessions of the United States, and of Alaska and the Canal Zone. Animated maps are used to show the locations and sizes, and authentic scenes of the possessions are supplemented by original motion pictures of historical events and personalities.

j-h-c 20 minutes $3.00

TESCHEN DISEASE (USDA)

Shows how the virus affects swine and its similarity to polio.

h-c-a 20 minutes $1.00

TEST FILMS (SMPTE)

PICTURE AND SOUND: Sound Projector Test Film; Sound-Service Test Film.

PICTURE ONLY: Television Test Film; Alignment-and-Resolution Section.

GLASS SLIDE: Projector Lens Resolution Target.

SOUND ONLY: Buss-Track Test Film; Sound-Focusing Test Film; 400-Cycle Signal-Level Test Film; 3000-Cycle Flutter Test Film; Multifrequency Test Film; Scanning-Beam Illumination Test Film; 16mm Magnetic Azimuth Alignment Test Film.

a 10 minutes each $2.00 each

TESTING INTELLIGENCE WITH THE STANFORD-BINET (IU)

Consists chiefly of synchronous sound sequences showing the unrehearsed reactions of four children to selected items from the Stanford-Binet. The narrator supplies additional information where clarification is needed. The two six year olds tested have I.Q.'s of 104 and 156 respectively; the two ten year olds, I.Q.'s of 100 and 80, respectively. The children vary greatly in their performances on the test items shown, thus allowing for excellent comparisons and contrasts.

c 18 minutes $3.00

TEXAS (MOT)

Impressive scenes of the Lone Star State that reveal its almost legendary wealth. Texans know that, as nations move toward self-sufficiency, Texas must balance its economy, look beyond its air and sea gateways to Latin America and the world, toward industrialization and diversification.

j-h-c 11 minutes $1.85

TEXTURE (EB)

The exploration of surfaces — hard, rough, soft and smooth — provides a tangible approach to understanding textural qualities in art. Visual examples in the film will give youngsters a new appreciation of the textural effects which can be achieved by clay, metals, paper, linoleum, and other art materials.

p-i 5 minutes $1.85

A THANKSGIVING PLAY (EB, Color)

Peter takes his little sister Julie to see the Thanksgiving Day class play for which the class made cutouts of pumpkins, turkeys, etc., but she gets lost on the way. She finds her way by a trail of corn candy and Peter, who has fallen asleep, is very thankful to find her.

p-i 6 minutes $1.60

THAT ALL MAY LEARN (UNFD)

The human story of a Mexican farmer and his family who are exploited because they cannot read or write is used as a case to stress the need for education all over the world.

h-c-a 19 minutes $3.00

THAT MAN SAMSON
(TFC, Restricted to Classroom Use)

A simple Negro's conception of the Samson story with Negro spirituals sung by the Hall Johnson choir.

The film opens with a Negro preacher addressing his congregation on the subject of Samson and Delilah. The drama of these two is then enacted as the congregation might imagine it.

The Lord converses with Samson. He is served supper by his wife, who later cuts off his hair as he lies sleeping. Then Samson is led away by soldiers. Persecuted in the Temple, he pulls down the pillars, and walks away through the Philistine crowd.

Among the spirituals sung by the choir are "That Man Samson," "Go Down in the Lonesome Valley," "Dey Goin' to Deliver Our Enemies into Our Hands," "Come on Samson," and "Didn't My Lord Deliver Samson?"

j-h-c 22 minutes $2.65

THAT MEN MAY FLY (CAA)

Shows the activities of the Air Surgeon and the accomplishments of the School of Aviation Medicine and the Aero Medical Laboratory. Demonstrates that flyers of the U. S. Air Force have the best protection and care that modern science can provide.

j-h-c-a 23 minutes Handling charge, $1.00

THAT MOTHERS MIGHT LIVE
(TFC, Restricted to Classroom Use)

Story of a young doctor's fight against child-bed fever, and his discovery that the disease was spread by germs.

When an associate dies after having cut himself with an instrument, Dr. Semmelweiss concludes germs may be carried from the delivery room to the patients. The head of the hospital grudgingly agrees to a ruling that everyone must scrub his hands before handling patients, and the death rate drops.

Dr. Semmelweiss wants to publish the results of the experiment, but the hospital staff refuses to cooperate and demands his resignation. Whereupon he publishes a book that is not read, and eventually his mind breaks under the strain and he ends his days in the Vienna Insane Hospital. In time, however, his book is rediscovered, is read, and accepted in all parts of the world. Pasteur, Lister, and many others were stimulated by it.

h-c 11 minutes $1.85

THAT THE DEAF MAY SPEAK (CFP, Color)

Carol was born deaf years ago. That would have meant that she would have grown up deaf and dumb, shunned for the rest of her life. Thanks to modern techniques, she can lead a happy useful life. Scenes are photographed at the Lexington School for the Deaf, and the film builds to the climax of Carol, Mike, and Bea speaking their first words.

c-a 42 minutes $5.00

THAT THEY MIGHT HAVE LIFE (MCE)

Dramatizes a true story of an American boy of Italian descent, and the influence of a city mission church upon his life.

j-h-c-a 20 minutes $3.00

THEN CAME JULY FIFTH (BFS)

Presents the case against unrestricted sale and use of dangerous types of fireworks and offers a safe and sane solution for celebrating Independence Day.

i-j-h 10 minutes In June or July $4.00, Other times $1.85

THEN IT HAPPENED (USDA, Color)

Shows the great Maine forest fire of 1947. The picture contrasts the peaceful New England scene before the fire with the fury of the conflagration. The theme of the picture is: Be careful always. It happened in Maine — don't let it happen where you live. The tragedy and awful beauty of the fire is made more impressive by the excellent background music.

general 11 minutes $2.70

THEORY OF MAKE-UP FOR THE THEATER (UC, Color)

Examines the chiaroscuro and color elements of facial make-up, showing how hard-edge and soft-edge shadow patterns can be made, and both dimension and character emphasized.

j-h-c-a 7 minutes $2.70

THERE AIN'T NO SUCH ANIMAL (TFC, Restricted to Classroom Use)

Off the great barrier reef of Australia, some of the world's strangest animals were filmed for this subject — the deadly stonefish, giant mantis pawn, Barrier Reef starfish, walking fish, mud skipper, and giant turtles weighing over 350 pounds.

j-h-c 10 minutes $1.85

THERE WERE TWO DOCTORS (IFI)

A young Mexican doctor goes to serve his interneship in the tiny rural village of Zinacanton, Mexico. The people of the village, however, refuse to listen to him; they prefer their village witch doctor's herbs and chants. However the villagers finally were won over to the beliefs of science when the doctor used a serum to save a child bitten by a scorpion.

h-c-a 18 minutes $2.65

THERMODYNAMICS (EB)

Deals with selected heat phenomena such as: molecular action in heat transfer, combustion, mechanics of the steam engine, steam turbine, gasoline and Diesel engines. The first and second laws of thermodynamics are explained. Both natural and animated photography vitalize the concepts involved.

h-c 11 minutes $1.50

THESE ARE SOUTH AFRICANS (FON)

The people and their way of life — the Cape fishermen, the students and the sportsmen, the farmers and city-dwellers.

h-c-a 30 minutes $3.70

THESE FISH ARE YOURS (WLF)

The complete life cycle of the trout which are found in streams on the eastern slopes of the Rocky Mountains. Includes pictures of the golden trout, rainbow or brook trout, and Mackinaw or lake trout.

j-h-c-a 28 minutes $3.70

THEY HEARD THE ANGELS SING (CLU)

Pictures life in a monastery, filmed at Mt. Angel Abbey in St. Benedict, Oregon. The melodies of the Georgian chants are sung by the Mount Angel Seminary choir with a background of liturgical ceremonies. Tells the story of the founding of the Abbey. Pictures the mass and Divine Office.

a 28 minutes $8.00

THEY LIVE AGAIN (TFC, Restricted to Classroom Use)

This is the remarkable true drama of Dr. Banting's search for a cure for diabetes. Once, after weeks of painstaking research, Banting thought he had a cure. A diabetic dog was brought out of a coma and leaped happily about the laboratory. Dr. Banting and his assistant joyfully took the day off. In the morning the diabetic dog was dead. Again the work was resumed. Then one day Dr. Gilchrist, a medical classmate of Dr. Banting, walks in. Gilchrist was dying of diabetes and he offered himself to Banting as a laboratory subject. True to the facts, Gilchrist recovered. Insulin is the weapon man now uses to defeat the once incurable disease, diabetes.

j-h-c 11 minutes $1.85

THEY WALKED WITH JESUS (AUFC)

Presents events in the life of Jesus from birth to crucifixion and resurrection, with scripture from Matthew, Mark, Luke and John.

j-h-a 18 minutes $3.00

THINGS EXPAND WHEN HEATED (YA)

Demonstrates by animation and simple photography the movements of molecules before and after heat is applied, showing that their accelerated movement requires more space and therefore causes expansion. It uses many concrete examples.

i-j 11 minutes $1.85

THINGS PEOPLE WANT, THE (JH)

How to find the buyer's interests and then plan your sales presentation to fit.

h-c-a 20 minutes $2.65

THIRD DIMENSION (NFBC)

Shows several Canadian sculptors at work, using a variety of materials and techniques. One sketches a figure on a stone block and later chisels it out of the mass. Another works in clay, bending metal rods into a basic form and building up the complete figure with successive additions of clay. The process of making a plaster mold from a clay figure is described in detail. Other artists make designs for currency and specialize in amusing pottery figures.

h-c-a 20 minutes $3.00

THIRST OF LIFE (EVF, Color)

Presents the story of water. The cycle of evaporation is traced by scenes of clouds, snow on mountains, stream, falls, rivers, and the ocean. Emphasizes our dependence on God for the blessings of life revealed by beauty and fruit. Verses of the scripture are used to shows God's word in connection with water and the cycle of evaporation. Spiritual water is discussed by Jesus and the Samaritan Woman (John 4:6-16).

h-a 23 minutes $4.25

THIRSTING STONES, THE (C)

Re-enacted against a pastoral setting, and narrated by a children's storyteller, this is an adaptation of the fairy story about the stones that revealed a treasure and the shepherd boy who is rewarded for his goodness.

p-i 13 minutes $2.65

THIRSTY ACRES (UPRR, Color)

Reclamation of new land through irrigation. Impounding water, distribution, ditches, systems of irrigation materials. Resulting wealth. Land leveling equipment.

j-h-c-a 25 minutes $1.00

THIRSTY LAND (KB)

The tremendous importance of water to the dry lands of Arabia and the middle east is strikingly presented. How ditches are used to lead water to fields, ancient water wheels used to lift water from wells and onto fields, and the tense anxiety when there is no rain.

h-c-a 11 minutes $1.85

THIS CHARMING COUPLE

See

MARRIAGE FOR MODERNS: THIS CHARMING COUPLE

THIS HERITAGE OF OURS (EFC, Color)

Illustrates the expansion of the United States during the period when the frontiers were pushed back from the eastern seaboard, then to the Allegheny Mountains, and in time to the Mississippi.

j-h 45 minutes $5.20

THIS IS ALUMINUM (USDI)

Illustrates the use of aluminum in transportation, in the home, in building, and in industry. Shows sources of bauxite from which aluminum is extracted and countries in which the mineral is found. Next is shown the mining of bauxite: Removal of dirt and gravel, cleaning, drilling, blasting, and loading. Depicts crushing, washing, screening, kiln drying, and shipment of ore. There follow scenes of removal of impurities from aluminum oxide, mixing bauxite with caustic soda solution, digesters which convert solution to sodium aluminate, filtering impurities, and sodium aluminate tanks in which aluminum hydroxide is precipitated.

Removal, washing, and heating of aluminate hydroxide in kilns. The resulting chemical, alumina, is shipped to points where electricity is cheap. Shows mixing of coke and pitch for making carbon electrolytic cell in which aluminum is made, tapping molten metal, casting pigs, remelting pigs to remove dross and electrolyte, charging furnace and casting ingots.

i-h-c 28 minutes Handling charge, $1.00

THIS IS CIVIL DEFENSE (UW)

Pictures the many civil defense services in which the individual can participate. Each service is explained on the basis of its importance should war come to any American city.

h-c-a 20 minutes $2.65

THIS IS ECUADOR (OIAA)

An educational and entertaining film on Ecuador stressing the stategic importance of the Galapagos Islands, and their nearness to the Panama Canal, the life line of the Americas. There are scenes of the islands showing the wide variety of plant and animal life that exists there. There is also an analysis of Ecuador's resources.

general 20 minutes $2.65

THIS IS FINLAND (FON)

Depicts the people and the country of Finland. Includes industries, agriculture, arts and crafts.

h-e-a 30 minutes $3.70

THIS IS PAKISTAN (HFE)

The story of Pakistan as an independent member of the British Commonwealth. Scenes in Karachi, scenes of cotton growing and of varied industries.

h-e-a 20 minutes $2.85

THIS IS THE MOON (YA)

Explains the relation of the moon to the sun and the earth, how the moon gets its light, the phases of the moon, and its physical characteristics.

i-j 11 minutes $1.50

THIS IS THE UNITED NATIONS (12 Parts) (UNFD)

Produced by the Department of Public Information of the United Nations.

No. 1: General assembly acts to make Jerusalem an international area; Under International Civil Aviation Organization, "Twenty-Five Weatherships Promote Safety at Sea," The Nations Fight Tuberculosis — 25 Million Children Tested; "East and West Unite in Voting Aid to Underdeveloped Countries."

No. 2: President Romulo Urges Accord on Atomic Energy; "Unique Method of Interpretation Assists at U.S. Meetings"; U. N. Children's Emergency Fund Helps Feed 6 Million Children, Clothe 2 Million.

No. 3: "Earthquake in Equador," the earthquake lasted 8 minutes — the country faces 20 years of reconstruction. The United Nations through its member nations and the specialized agencies is helping Equador to alleviate the suffering of its people and to rehabilitate the land.

No. 4 deals with the United Nations "Fellowship" Program, an international system for the exchange of knowledge and skills, bringing them from where they are to where they are needed for solving peacetime problems.

No. 5 includes "Indian Students Perform for U.N. Club" and "The U.N. Votes Independence for Libya by 1952."

No. 6 includes "London Centre Checks Influenza" and "U. N. Laboratory Aids Fight on Opium Smuggling."

No. 7 includes "International Court of Justice," "The Republic of Indonesia."

No. 8 includes "U.N. at Work on World Wide System of Road Signs" and "Eritrea Federated to Ethiopia."

No. 9: "International Bank Funds at Work, Assignment to the Feld."

No. 10: "Guatemala Tells a New Story," "Palestine Refugees."

No. 11: "Social Welfare Seminar at Work," "Mexico Electrification."

No. 12: "Fundamental Education," "United Nations Stamps."

h-e-a Approximately 12 minutes each part; $2.00 each part

THIS SPANISH-SPEAKING WORLD (GAF)

This picture takes us on a flying trip to the Iberian Peninsula. We trace the origin and development of the word "Spain" and the history of the Peninsula. We then become acquainted with the various types of Spaniards. We move to the Western Hemisphere. In the Spanish America we see people at work and at play which familiarizes us with the wide variety of people and types of people whose native language is Spanish. We visit Mexico, Argentina and Cuba.

j-h-c 11 minutes $1.85

THIS THEATRE AND YOU (WB)

Depicts the role of the theatre and the man who runs it, not only in relation to the motion picture industry, but also in relation to each community. Includes excerpts from dramas, musical productions, adventure films, travelogs, animated cartoons, and newsreels.

j-h-e-a 11 minutes $1.50

THIS WORLD OF OURS — MANITOBA (NFBC, Color)

A colorful parade of Manitoba's attractions for the holiday-maker, with pictures of its sports facilities, scenic beauties, main cities and industries. From the United States border to northern wilderness, the camera takes us across the Province, dwelling on characteristic scenes along the way: broad wheat fields, busy cattle yards, the provincial fair at Brandon, and the ideal vacation-land of Riding Mountain National Park.

general 11 minutes Handling charge, $1.00

THOMAS HARDY COUNTRY (GA)

Pictures Dorestshire, England, the birthplace of Thomas Hardy. This agricultural area, with its extensive coast line and rivers, has served as the setting for many stories of England and the English life by Jane Austen, William Wordsworth, M. E. Frances and Thomas Hardy.

i-j-h-c-a 20 minutes $2.65

THOMAS JEFFERSON (EB)

Outlines the career of Jefferson by dramatizing incidents that characterize him best. Includes scenes of writing the Declaration of Independence, contributions to social reform, success as minister to France and as secretary of State, political campaign for Presidency, the Louisiana Purchase, the commissioning of Lewis and Clark, and his founding of the University of Virginia.

i-j-h 20 minutes $2.65

THOUSAND DAYS, THE (OWI)

Shows how the factories of Canada were converted to war production and how from them came guns and tanks and shells. It shows how Canada has become a haven for English children bombed from their homes, an internment camp for Nazi prisoners, etc. In short, it shows the changes made in Canada during her 1,000 days of war.

j-h-c 21 minutes $2.65

THOUSAND HOURS, A (JH)

The importance of study to fit the individual for the big jobs of the world, particularly in aviation.

h-c-a 10 minutes $1.85

THREE A'S, THE (BIS, Color)

Age, ability, and aptitude are carefully considered by teachers in England's new, modern schools, to insure that each student receives the proper education. This film shows the modern classroom so that children learn to apply their knowledge to everyday life.

h-c-a 20 minutes $4.25

THREE AMERICAN BALLADS (UW, Color)

A series of beautifully done still sketches illustrates the three ballads, "Acres of Clams," "Ol' Dan Tucker" and "John Henry," which are sung to a guitar accompaniment. Three ballads of America's most famous folk traditions brought to life on the screen.

general 10 minutes $3.00

THREE CITIES (OWI)

Three typical American war-industry cities and how the war-workers in each tackled and solved the problem of living is the subject of this Office of War Information film. The film is of special value in areas which have had a great increase in population due to the war.

h-c 10 minutes $1.50

THREE COUNTIES AGAINST SYPHILIS (USDA)

Shows how the control of syphilis is being effected in the three South Georgia counties of Camden, Glynn, and McIntosh, through the use of a trailer clinic. The public health campaign against syphilis is shown first in the cities, where clinics provide treatment. For the country districts, a mobile clinic is used in an automobile trailer to go to the patients. The work of finding the patients, making tests, and the treatments are shown. The subject of the film is treated in a delicate manner so that the film is suitable for showing to any audience. Produced in 1939 by the U. S. Public Health Service; accompanying music by Hampton Institute Choir; narrated by Alois Havrilla.

h-c 19 minutes $2.65

THREE DEEP (IU)

A fourth grade group forms a double circle to play this active game. Teacher chooses a runner and a chaser who demonstrate the general rules of the game. The variations *Third Man* and *Two Deep* are shown.

p-i 6 minutes $1.50

THREE FOX FABLES (EB)

With life photography, this film recaptures all the fascination of three of Aesop's best loved fables: "The Fox and the Grapes," "The Fox and the Crow," and "The Fox and the Stork." Ingenious direction of real animals in attractive woodland setting brings to life the famous stories told and read and loved for centuries.

p 10 minutes $1.50

THREE LITTLE BRUINS (UW)

In this film concealed cameras steal amazing, intimate, action shots of baby bears and many timorous creatures of the wild. They will amaze you, and make you marvel at the human things they do. Only invisible people could see the wild things of the woods as this great film shows them.

p-i 11 minutes $1.85

THREE LITTLE BRUINS GO CAMPING (UW)

Three bear cubs invade a camp and get into trouble.

p-i-j 10 minutes $1.85

THREE LITTLE BRUINS IN A CANOE (UW)

Three bear cubs find a canoe and are carried through rapids. One falls into the water and is saved by a little boy.

p-i-j 10 minutes $1.85

THREE LITTLE BRUINS MAKE MISCHIEF (UW)

A hilarious story of three small bears who, one day, wander out of their forest and happen upon a farm. Their visit involves encounters with such oddities — to a bear — as a cow, a goose and a horse. Then they find the kitchen which, naturally, complicates things.

general 11 minutes $1.85

THREE LITTLE KITTENS (EB)

While these little kittens put on no mittens, they do capture the interest of all who follow them during their active experiences. Discovered in the barn with their mother by a farmer's wife, they provide an opportunity for learning about the characteristics of cats in general. When about two weeks old, the kittens are carried by their mother to a new home in an old buggy, where they learn to feed, clean themselves, and to play. Later they have a skirmish with a dog and learn to catch mice. Finally, two of the kittens are given to local tradesmen by the farmer's wife.

p-i 11 minutes $1.50

THREE MORE PIGS GO TO MARKET (PCA, Color)

Stresses sanitation and good management as means of raising hogs successfully. Shows the life cycle of the round worm and the prevention of the worm in hogs. Indicates that guard rails, pig brooders, and gravel slabs help prevent disease. Shows how to build concrete floors for hogs. Available to Illinois Users Only.

h-c-a 20 minutes No charge

THREE TO BE SERVED (NAM)

Is based upon Frederick Crawford's concept of the "American Triangle of Plenty," which aroused such favorable comment in his address and in a Readers' Digest article of 1943. The picture tells a simple human story explaining the principles that have made America prosperous and suggesting constructive thinking on the problems of the postwar period.

j-h-c 27 minutes $3.70

THREE WISHES, THE (ASF, Color or B&W)

Presents the story of a peasant who aids two gnomes and is rewarded with three wishes. The peasant wastes the first wish on his supper; his wife loses the second wish through anger; and the last wish is lost to repair the damage done by the second wish. Stresses the moral that greed does not pay.

p-i 11 minutes B&W $1.85, Color $2.70

THROUGH THE GRAND CANYON BY BOAT (GA)

Demonstrates the technique of running rapids as developed by Norman Nevills. It follows an expedition down the river from Lee's Ferry to Lake Mead at the head of Hoover Dam.

j-h 19 minutes $2.65

THROUGH THESE DOORS (IFB, Color)

Simulates a personally conducted tour through workrooms, laboratorics, and reference collections of Chicago National History Museum with flash backs to show the work of museum collectors in the field.

i-j-h-c-a 40 minutes $12.00

THROWING IN BASEBALL (EB)

Explains, with comprehensive action and commentary, the various techniques to be mastered in learning to throw a baseball effectively. Professional players furnish demonstrations which are made remarkably clear by such unique motion picture devices as stop-motion, slow-motion, and close-up photography. Four throws are analyzed: the overhand, the three-quarter, the sidearm, and the underarm.

j-h-c 11 minutes $1.50

THRUSHES AND RELATIVES (EB)

The habitats, feeding habits, brooding, development and activities of the Bushtit, Chickadee, Hermit-Thrush, Russet-backed Thrush, Robin, Bluebird, and Water Ouzel are revealed by spectacular photography. Natural sounds of the different bird calls and songs render the production unusually valuable as an instructional aid. It is of interest to students of all ages and contributes materially to a better understanding and appreciation of birds and their value to mankind. Animated drawings visualize habitats and migration.

p-i-j 11 minutes $1.50

THUNDER AND LIGHTNING (YA)

Explains thunder and lightning in simple terms. Combines the cause of lightning with the rubbing together of certain objects causing them to become charged with electricity. Discusses protective measures against electrical storms.

i-j 11 minutes $1.85

THUNDERING RAILS (AAR)

Pictures the activities in a train station, the different types of trains, and the network of rails covering the United States.

h-c-a 20 minutes $1.00

THUNDERING WATERS (NYC, Color)

Points out the glacial relationship of Niagara Falls in the topography of the Great Lakes Region, and portrays the many points of interest which have drawn innumerable sightseers to the scenic area.

general 22 minutes Handling charge, $1.00

TIDE POOL LIFE (IFL, Color)

Shows some of the more usual species of marine life found near rocky shores and tide pools. Studies in detail are the mussels, whelks, sea anemones, sea urchins and abalones.

j-h-c-a 11 minutes $2.70

TIDES (ALF)

Photographs and animation are used to explain the regular changing of the tides.

j-h-c-a 10 minutes $1.85

TIERRA MEXICANA (IFB)

Illustrates some of the aspects of Mexico's economic system and customs, as they relate to the land. Includes simple Spanish narration and titles, and several maps.

j-h-c 22 minutes $2.65

TIMBER AND TOTEM POLES (UW, Color)

Native Alaskan Indians, in ceremonial garb are shown restoring and copying their totem poles.

h-c-a 10 minutes $2.70

TIMBER GROWING TODAY (TUA, Color)

Shows that sustained-yield management of forests is economically sound and that forest owners in the Tennessee valley are beginning to adopt the timber growing idea.

h-c-a 20 minutes $4.25

TIME AND MOTION STUDY PRINCIPLES (UIO)

Shows the most important principles of motion study and illustrates how these principles may be applied to specific operations.

c-a 21 minutes $3.00

TIME AT SEA (USN)

Shows the workings of the ship's clock and its record. Time and time errors are discussed.

h-c 18 minutes $2.65

TIME FOR BACH, A (AAF)

By pictorial means the film attempts to integrate Bach's music and its function today into the many varied and contradictory patterns of modern life.

h-c-a 30 minutes $3.70

TIME FOR GREATNESS, A (ASF)

Expresses moral concern over the use of military force as the chief instrument of foreign policy. Surveys what the Quakers have learned about securing peace and understanding between peoples of other nations as a result of the many years of experience derived from the work of the American Friends Service Committee.

h-c-a 27 minutes $3.70

TIME FOR TELEVISION (SEF)

A boy's fascination with television monopolizes his life — shutting out his family, his teacher, his school mates, his friends. His final realization of how much he has been losing sets him to working out his own way of letting television take its place as a natural and interesting part of his daily existence.

j-h-c-a 30 minutes $3.70

TIME LAPSE PHOTOGRAPHY (IFB, Color)

Explains meaning of motion pictures and gives information on some basic processes of making sound pictures. Shows the creation of the illusion of motion with methods for creating time variances. Examples such as the budding of a flower and a boy swinging a golf club are used to depict the various uses of speed and its control. Specialized equipment for time lapse photography is shown in operational detail.

c-a 10 minutes $4.25

TIME LAPSE STUDIES OF GROWING TREES (NYCF, Color)

Time lapse photography is used to show the change from flower to fruit in the silver maple and cottonwood trees, shows in detail the dispersal of seeds and the germination process.

h-c-a 12 minutes $3.85

TIME TO SPARE (MCS)

This film shows some of the activities of a one-teacher school where progressive teaching methods and thoughtful time-block planning provide "time to spare" for enriched individual and group teaching.

h-c-a 22 minutes $2.65

TIN FROM BOLIVIA (USBM)

Primitive methods of producing tin are contrasted with present-day processes. Scenes from a Bolivian mining village and mining methods as well as smelting processes are well photographed.

j-h-c 20 minutes Handling charge, $1.00

TIN FROM MALAYAN JUNGLE (HFE)

Clearly demonstrates the interdependence of the world through the exchange of goods. To effectively mine the rich tin deposits of Malaya, workers and machinery come from all over the world, and the refined tin is sold in many countries. New and old methods of production are contrasted and questions concerning standards of living and of conservation of natural resources are proposed.

j-h-c 11 minutes $1.50

TIN TOP: A COMMUNITY BUILDS (BAY)

Tin Top, a small community in Texas, has taken steps to stop its decay as a community and to revitalize the community's life. This film shows the decay, and the rebuilding process. It graphically portrays the problems of a rural community, and the ways in which one group of people found some of the answers.

c-a 28 minutes $3.00

TINA, A GIRL OF MEXICO (F, Color)

Mexican family life in the mining town of Tasco. The story centers around Tina, her parents, Rosita and Pablo, and baby brother Juan. Presents the Mexican people with their quiet charm, dignity and graciousness. There is a wealth of detail of home life, trades, the market, and the colorful music and spirit of festival time.

i-j 16 minutes $4.25

TINPLATE (USBM, Color)

Portrays the manufacture of tinplate, basic material of the 50 million tin cans that Americans use every day. A brief history of methods of making tinplate is followed by a step-by-step description of the modern methods: hot dip and electrolytic. Narration is in non-technical language.

j-h-c 27 minutes Handling charge, $1.50

TINY WATER ANIMALS (EB)

The life processes and activities of amoebae and paramecia are shown. The activities of the amoebae are given major emphasis. The film also reveals other interesting creatures such as the wheel animalcule, chiloden, swan animalcule and stentor. Microphotography makes this an unusually interesting picture.

j-h-c 11 minutes $1.50

TIPPY THE TOWN DOG (EB, Color)

Tippy belongs to Mr. Black, who tells Jimmy he can come over and play with Tippy any time. When Jimmy goes to school, Tippy looks around for someone to play with, but can find no one. Jimmy comes home from school, and Tippy isn't there. He goes to look for Tippy, and finally the two are re-united.

p-i 10 minutes $2.70

TIPS FOR TEACHERS (JH)

Practical pointers for teachers in secondary schools and adult education and for trainers in business and industry.

c-a 20 minutes $2.65

TITO: OUR ALLY? (McGH)

Inside the Yugoslavia of today. Highlights the nation-wide drive for literacy, the establishment of vocational training schools and the state-organized trips for the workers. Reviews the recent history of American-Yugoslavian relations and raises the question of Yugoslavia's position in the conflict between the USSR and the West.

h-c-a 18 minutes $3.00

TO MARKET, TO MARKET (F, Color)

Shows the flow of business from the producer through the different middlemen to the retailer and consumer.

j-h-c 11 minutes $2.70

TOADS AND FROGS (FICA, B&W or Color)

The ecological life story . . . from mating and egg laying . . . on into adulthood.

j-h-c-a 14 minutes B&W $3.00, Color $6.00

TOAST TO OUR BROTHER (GT)

Follows a college man considering fraternity membership, being pledged, initiated, and his development as a fraternity man throughout his undergraduate life. Joe E. Brown appears as guest speaker.

c 25 minutes $10.00

TOBACCO AND THE HUMAN BODY (EB)

An authentic report on the scientific results of modern research, evaluating the effects of the use of tobacco. Analyses tobacco smoke, demonstrates some of the psychological effects of smoking, and sums up factors to be considered in deciding whether or not to smoke.

h-c-a 15 minutes $3.00

TODAY'S CHICKS (USDA, Color)

Today's chicks are produced by a highly specialized industry of more than 9,000 commercial hatcheries. Many of these hatcheries operate under the National Poultry Improvement Plan. Scenes cover the basic operations of this program including selecting breeders, methods of testing them for pullorum disease, sanitation procedures in the hatchery and in the field, and the production of pedigreed breeding stock. Emphasis is given to the point that raisers of poultry should carefully choose their sources of chicks.

h-c-a 18 minutes $4.25

TODAY'S HORSE FARM (F, Color)

Shows a California ranch on which draft horses, mainly Percherons, are raised for show or for doing farm work. A day in the life of the horses shows them being fed, curried, taken out to pasture, and brought back to the barn for the night.

p-i 11 minutes $3.00

TOLD BY A TOOTH (NMP)

By means of animation and true-to-life photography, it shows the importance of proper nutrition, exercise of teeth and gums, correct use of the brush and periodic visits to the dentist.

p-i 10 minutes $1.85

TOMMY AND THE ATOM (SF)

Tells of a small boy who is a magician's helper. The magician is wicked, but Tommy learns his secrets and prevents him from conquering the world.

p-i 9 minutes $1.85

TOMMY THE LION (YA)

The story of a typical day with a pet lion cub and his owners, Mr. and Mrs. Owens, of Garden City, Kansas. Tommy plays with the children, visits school, and makes a trip to the veterinarian. The story structure points up the parallel between Tommy's daily life and habits and those of the children.

p 10 minutes $1.85

TOMMY'S DAY (YA)

Is designed to teach some simple health habits and to provide the child with an orientation to the understanding of a simple pattern of everyday life.

p 15 minutes $2.65

TOMORROW'S CITIZENS (NFBC)

Examines the question, "Is the schoolchild's sense of social responsibility keeping pace with his technical knowledge?" The changes following on a global war, the release of atomic energy, the setting up of the United Nations body are a significant inheritance. Seeks in the classroom for evidence that children are being prepared to administer it.

j-h-c-a 10 minutes $1.85

TOMORROW'S MEXICO (MOT)

As a result of Mexico's war production record they are in the midst of industrial expansion. However, even more important than the economic boom is the Mexicans' determination to throw off the bonds of ignorance and raise the standard of living.

j-h-c 17 minutes $2.65

TOP LINER (BIS)

This is the story of the largest ocean liner, the *Queen Elizabeth.* Her staff and crew are so efficiently organized that the 83,000 ton ship can carry 2,314 passengers across the Atlantic in maximum comfort and can be prepared for the return voyage in two days. The film depicts the *Elizabeth's* luxurious accommodations and her efficient power plant.

i-j-h 22 minutes $2.65

TOPSOIL (UW)

The story of one of America's richest treasures — the thin layer of topsoil on which we depend for most of our food, clothes, and other necessities of life. Shows why and how both city and rural people are dependent upon the topsoil of productive farmlands. Explains how topsoil was made by nature through the centuries, and how and why it should be conserved.

i-j-h-c-a 10 minutes $1.85

TOREADOR, THE (IFE, Color)

A cartoon.

p-i 10 minutes $2.00

TORN PAPER (BFS, Color)

Demonstrates a new and unique kind of art expression using a newspaper as practice, and later sheets of different colored paper, students tear out a variety of shapes, figures and designs.

p-i-j-c-a 5 minutes $1.85

TORONTO SYMPHONY ORCHESTRA (NFBC)

Sir Ernest MacMillan conducting the Toronto Symphony Orchestra in the Jamaican Rhumba by Benjamin, A St. Mala by MacMillan, and Overture to Opera Colas Breugnon by Kabalevsky.

h-c 11 minutes $1.85

TORQUE CONVERTER, PRINCIPLES OF OPERATION (UW)

Demonstrates the principles behind the operation of the torque converter. Sequences show how the torque converter can function as both clutch and transmission, giving a smoother operation to both.

h-c-a 20 minutes $3.00

TOTEMS (IFB, Color)

Shows the enormous cedar totems with their ritual and religious carvings, made by the West Coast Indians of British Columbia.

i-j-h-c-a 11 minutes $2.70

TOUCHDOWN PARADE OF 1950 (OF)

Short "clips" of highlights from the following football games of the 1950 season: Purdue vs. Notre Dame; Army vs. Harvard; Kentucky vs. Georgia Tech; Ohio vs. Northwestern; Texas vs. Southern Methodist; Princeton vs. Cornell; Oklahoma vs. Texas.

j-h-c-a 9 minutes $1.85

TOULOUSE-LAUTREC (BRF, Color)

A comprehensive film employing drawings, sketches, paintings and etchings, plus scenes from Paris's Bohemian world. Lautrec's own works are used to give his impression of Paris at the turn of the century.

j-h-c-a 22 minutes $10.00

TOURNAMENT OF ROSES PARADE, 1952 (UI, Color)

Brilliant scenes of the Tournament of Roses Parade in Pasadena, California on New Year's Day in 1952. Thousands of brightly colored fresh flowers make up the interesting and varied floats.

general 30 minutes $5.00

TOWARD A GENERATION OF SAFER DRIVERS (AE)

Shrows how New York City high school students are getting driving lessons in the classroom on the

Aetna "drivotrainer" which was developed by Aetna in cooperation with the New York City Board of Education as a safer and more economical way to teach teenagers how to drive.

j-h-c-a 14 minutes $2.65

TOWARD INDEPENDENCE (UW)

Depicts how modern developments in medicine have made it possible for the victims of paraplegia, resulting from spinal chord injuries, to become independent, well-adjusted citizens instead of bedridden dependent invalids for the rest of their lives.

h-c-a 30 minutes $3.70

TOWARD THE HORIZON (ABC)

Presents the story of the church, sponsored schools, and colleges for Negroes, their equipment, classes, student bodies and faculties. Tells of the emergence of the Negro into the world of today, taking his place as a fellow American in an educated society.

h-c-a 28 minutes $3.70

TOWER OF DESTINY (McGH)

Development and construction of the UN building in New York showing interior design, architectural development and functional aspects of the building. Stresses the international aspect of the UN.

h-c-a 17 minutes $2.65

TOWN, THE (UW)

Shows life in an American town, Madison, Indiana, and explains the democratic characteristics of the social and civic life of the people.

h-c-a 20 minutes $3.00

TOWN IN OLD MEXICO, A (OIAA, Color)

Puebla, Orizaba, and Fortin de las Flores are the three villages seen in the beautiful color film which is narrated by Orson Welles. Seventeenth Century buildings of extraordinary architectural merit, and interiors of homes still in use are shown as classic examples of the architecture of the Spanish conquistadores. In Fortin de las Flores, flowers grow in such profusion they perfume the countryside for miles around.

general 10 minutes $2.70

TOWN WITHOUT WATER (ECA)

Southern Italy is dotted with hundreds of small, inaccessible, backward towns. For years, because of water scarcity and lack of sanitation facilities, the people of these towns have been particularly susceptible to typhoid. These communities now benefit from water projects financed by E. R. P. funds — aquaducts that bring not only water but life itself to the townspeople.

j-h-c-a 10 minutes Handling charge, $1.00

TOY TELEPHONE TRUCK, THE: BACKGROUND FOR READING AND EXPRESSION (C, B&W or Color)

Children in the primary grades watch enchantedly as they see how a toy telephone truck is made, delivered to a toy shop, sold to a parent, and presented to a little boy for his birthday. Youngsters learn how people must work together to make and sell toys.

p 10 minutes B&W $1.50,
Color $2.70

TOYLAND (MSP)

All the presents for good little boys and girls come to life on the screen through the medium of trick photography.

p-i-j-h-c-a 10 minutes $1.50

TOYLAND ADVENTURE (OF)

Pictures a busy day in the toyshop — with wooden soldiers on parade, romantic mice, and a battle royal when a mean old cat tries to spoil the fun.

p-i-j 10 minutes $1.50
(one day only)

TOYMAKER, THE (ATH, Color)

Two hand puppets, Spots and Stripes, learn that in spite of slight differences in appearance, they are both animated by the same power — the hands of the toymaker. They then resolve to be friends instead of rivals.

p-i-j-h-c-a 15 minutes $4.25

TRACK: RECORD BREAKER (RKO)

The Drake Relays of 1941 in which Greg Rice Leslie MacMitchell, Gil Dodds and Cornelius Warmerdam starred.

h-c-a 15 minutes $2.65

TRACKING THE SLEEPING DEATH (TFC, Restricted to Classroom Use)

David and Mary Bruce are sent to Uganda by the British government to search for the cause of sleeping sickness plague that has broken out among the natives. They eventually discover that the germ is carried by the tsetse fly.

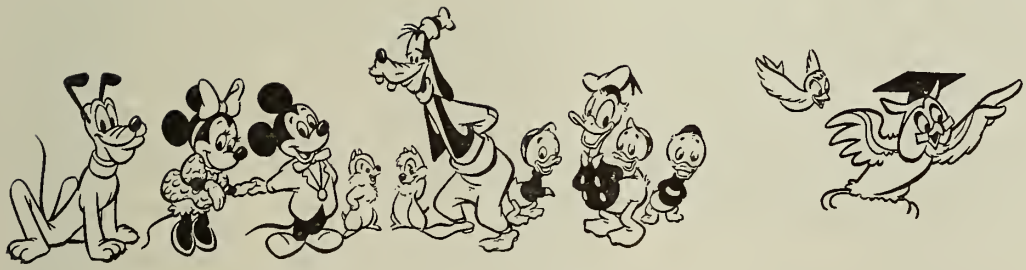
The Bruces, who had fought plagues and epidemics in all parts of Africa, have retired, but answer the call to go to Uganda. The natives of the interior beat their drums to a rhythmic message urging that all whites be driven out.

In a spinal fluid taken from a sick native, Bruce finds a germ he knows is carried by the tsetse fly. This fly is not thought to exist in Uganda, but after days of search, he finds that it does. The microscope reveals that it carries the germ.

He urges the natives to leave that section of the country and is resisted by the witch doctor. After the

Walt Disney

FILMS



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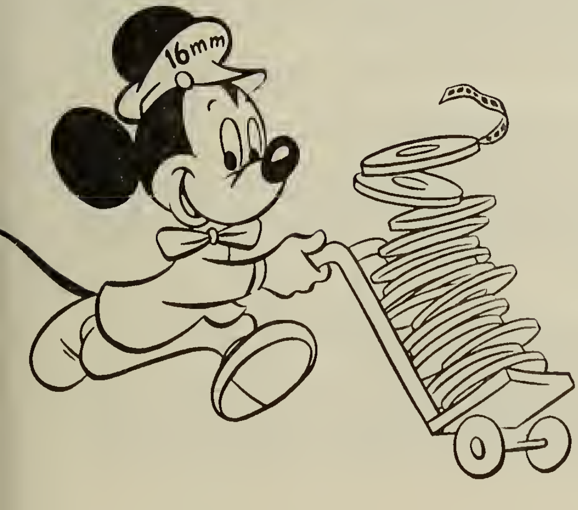
Now available from Audio-Visual Aids Service, **to Illinois users only,** these finely done Walt Disney productions. These films have been especially selected from many Disney films for their appropriateness to school curricula. Individual descriptions and service charge rates will be found in the appropriate places in the alphabetical listing. The titles are as follows:



BEAVER VALLEY
BEHIND THE SCENES OF WALT DISNEY STUDIO
ELMER ELEPHANT
HISTORY OF AVIATION
LITTLE HIAWATHA
MOTOR MANIA
NATURE'S HALF ACRE
SEAL ISLAND
TORTOISE AND THE HARE

witch doctor refuses to put his hand into a screened box of tsetse flies, however, the natives lose confidence in him and take Bruce's advice.

j-h-c 11 minutes $1.85

TRADE AND INDUSTRY — GREAT BRITAIN (UW)

Great Britain became a great world power because of her intensively developed industrial potential, a large highly skilled labor force, a transportation system and shipping facilities which have made it possible to import raw materials and ship out manufactured goods at low cost. The film opens in London, nerve center of the British Empire. It shows London, the metropolis, the port, financial headquarters and government seat. An animation sequence locates Britain's industries, natural resources, and transportation facilities. The film then takes us to Newcastle, industrial town in northern England. The film presents a British family and follows its various members as they go about their tasks in shipyards, factories, and coal mines.

i-j-h 22 minutes $2.65

TRADESMAN MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

TRADING CENTERS OF THE PACIFIC COAST (C)

Beginning with a uniquely animated map and following with live action photography which captures the vitality of Seattle, Portland, San Francisco, Los Angeles and San Diego, this film illustrates the components that make a small trading post grow into a large trading city.

i-j-h-c 11 minutes $1.85

TRADING POST (McGH)

A film tour of the Merchandise Mart in Chicago — a "national trading post" where consumer goods from all over the country are presented to department and specialty store buyers.

h-c-a 15 minutes $3.00

TRAFFIC WITH THE DEVIL (TFC, Restricted to Classroom Use)

An analysis of the causes of traffic casualties.

general 20 minutes $3.00

TRAINING AIDS: CLASSROOM UTILIZATION (UW)

Pictures how a good Navy instructor conducts a classroom lesson with the use of training aids.

h-c-a 15 minutes $2.65

TRAINING AIDS: SELECTION AND PLANNING (UW)

Shows how a Navy instructor selects and plans the use of training aids, fits motion pictures, still pictures, charts, models, and mock-ups into his lesson plan; and checks classroom, equipment, and aids prior to use.

h-c-a 16 minutes $2.65

TRAINING AIDS: SLIDES, LARGE DRAWINGS, AND TRANSPARENCIES (UW, Color)

Explains the nature of the equipment and materials which are needed and opportunities for preparing and using such training aids by naval instructors.

h-c-a 18 minutes $4.25

TRAINING UNION IS A FAMILY AFFAIR (SBC, Color)

Shows the ministry of the Baptist Training Union organization to every age group. Includes scenes of activity in every department from the story hour to the adult unions.

j-h-c-a 10 minutes $2.70

TRAITOR WITHIN, THE (ACS, Color)

Tells the story of cancer. Includes cell growth, the lawless multiplication of gangster cells, the spreading of cancer by the lymph nodes. Emphasizes the possibilities of curing and controlling the disease through the use of surgery, X-ray and radium.

h-c-a 11 minutes $1.00

TRANSATLANTIC HOP (McGH)

Recalls some historic feats in aviation history. Then shows a transatlantic flight by commercial airliner including planning the flight, the planes, and the actual trip.

j-h-c-a 20 minutes $2.65

TRANSFER OF HEAT (YA)

Illustrates and explains the principles by which heat is transferred from one point to another, by conduction, convection and radiation.

j-h 11 minutes $1.85

TRANSFER OF SKILLS (BIS)

Shows peacetime craftsmen being converted to wartime production. Tells of the similarity of the wartime and peacetime jobs of jeweler, watch-maker, fishing-rod manufacturer, boatman, fisherman, and an engine-turner.

h-c-a 11 minutes $1.85

TRANSMISSION, DRIVE SHAFT AND DIFFERENTIAL (UW)

How to check the transmission gear shift mechanism of an auto; how to inspect the drive shaft and the differential; how to check differential backlash; and how to test the running condition of the transmission, drive shaft and differential.

h-c-a 20 minutes $3.00

TRANSMISSION OF ROTARY MOTION (YA)

Illustrates and explains how rotary motion is transmitted from one point to another by shafts, gears, belts and pulleys, and chain and sprocket. Discusses gear ratio.

h-c 10 minutes $1.85

TRANSPORTATION (BUS-TRUCK-TAXI) (VGF)

The kind of jobs, in general, several million people have in the bus, truck and taxi business forms the basis of this film. Several jobs are briefly analyzed so as to point out the traits of character and personality required. Recommended for use in guidance classes.

j-h 11 minutes $1.85

TRANSPORTATION IN THE U. S. (MOT)

Every year a ton of freight must be transported more than 4000 miles to keep the average U. S. citizen supplied with basic necessities. As the film shows it takes the concerted efforts of all forms of transportation — railroads, airplanes, trucks, buses, ships — to meet these requirements.

general 18 minutes $3.00

TRAPPERS AND TRADERS (IFB, Color)

Tells of the Indian trappers of Canada and the traders who transported their fur cargo by canoe from the Hudson Bay outpost to Montreal.

i-j-h-c-a 10 minutes $2.70

TRAVELLERS, THE (UW)

Travellers arrive at an inn; a merchant bargains for silk. Leaving, the travellers pass a beggar on the roadside and children playing. The sabbath lamp is lit.

i-j-h-c-a 22 minutes $3.00

TREASURE FROM THE SEA — MAGNESIUM (USBM, Color)

Magnesium, the lightest of the structural metals, is obtained from the sea. Unlike the pirate's treasure with its monetary value, magnesium's value lies in its light weight, thus releasing more energy for work in such machines as locomotives, airplanes, and automobiles.

j-h-a 11 minutes Handling charge, $1.00

TREASURE HOUSE (RKO)

Takes you into the Smithsonian Halls to see a history of aviation, the rare gowns of the Presidents' wives, to supervise the preparation of half a million animal specimens. It takes you out on jungle expeditions to find the lost secrets of ancient civilizations, to Bikini to measure atomic bomb effects, to Brazil to chart the sun's course in an effort to rob the solar system of its secrets.

general 17 minutes $2.65

TREASURE IN A GARBAGE CAN (UC)

The story of Los Angeles' refuse collection, showing how garbage is "sorted," glass and metal separated, and discarded toys repaired and sent to collection centers.

h-c-a 20 minutes $2.65

TREASURE ISLAND
(TFC, Restricted to Classroom Use)

A school abridged version of the feature-length dramatization of Robert Louis Stevenson's book.

i-j-h 40 minutes $4.45

TREASURES FOR THE MAKING (GFC, Color)

The use of liquid and dry pectin to make jellies from fresh, frozen, and dried fruits, as well as from commercially prepared fruit juices. The long and short boil methods are shown.

j-h-c-a 20 minutes $1.00

TREASURES IN HEAVEN (IFI)

Portrays the deep satisfaction gained by a millionaire of today who takes to heart Jesus' advice to the rich young man to sell what he had and give to the poor. Not content with laying up for himself treasures on earth, millionaire Colton reveals his happiness at being able to give money for public projects — a hospital, a museum, and a college.

j-h-c-a 11 minutes $1.85

TREE GROWS FOR CHRISTMAS (UW, Color)

The story of the Christmas tree in history and legend and the Christmas tree industry of today. Shows that cutting of trees for decoration is not a wasteful practice. On the contrary, when properly done, it is a good forestry practice. Trees are cut and marketed and the proper methods of handling the tree after it is brought home are illustrated. The picture ends with a short sequence on trimming the tree for Christmas Day.

general 11 minutes B&W $2.50,
Color $3.50 (one day only)

TREE OF GOD'S PLANTING (COB)

Shows the growth and development of a tree and compares it with a Christian's spiritual growth — by means of a cartoon.

i-j 12 minutes $3.00

TREES FOR TOMORROW (AFP)

Tells the importance of our renewable forest resource with emphasis on the improved scientific management of tree-producing lands. It shows both early American and modern utilization of wood and how trees are grown for tomorrow.

j-h-c 20 minutes $2.65

TREES THAT REACH THE SKY (IFB)

Tells of Canada's 250 foot spruce trees, from the first cutting by the lumberjacks to the final products fashioned from their wood.

i-j-h-c-a 8 minutes $1.85

TREES TO TAME THE WIND (USDA)

Depicts not only the success of windbreaks but their effects on the lives and fortunes of those who have taken advantage of them.

general 22 minutes $2.65

TREES TO "TRIBUNES" (CT, Color)

Utilizing splendid photography, narration, and orchestral accompaniment, this film presents the pictorial story of producing a modern metropolitan newspaper, the *Chicago Tribune.* The film has three main divisions presenting: the gathering of pulpwood, making newsprint, and producing a newspaper.

j-h-c 45 minutes Handling charge, $1.50

TRIBE OF THE TURQUOISE WATERS (AV, Color)

Shows life in a small Indian village hidden in an almost inaccessible valley in a remote part of the Grand Canyon, Arizona. This settlement is reached only by pack train, and the difficult transportation of food and supplies presents a daily problem.

i-j-h-c-a 11 minutes $3.00

TRIODE (USOE)

Reviews the diode principle, compares the diode and triode, explains the triode amplifier circuit, amplification of D. C. voltage changes, amplification of alternating voltages, distortion, and amplification of audio-frequency signals.

j-h-c 14 minutes $2.65

TRIPLE THREAT OF BRUCELLOSIS (USDA, Color)

Tells the story of brucellosis, a disease that each year takes a heavy toll of livestock causing huge losses to the livestock industry. As undulant fever, it takes its toll of human lives, too. Covers three phases of brucellosis as it attacks animals, and shows the nature of the disease and recommends measures of control and eradication.

c-a 27 minutes Handling charge, $1.50

TRIUMPH OVER DEAFNESS (BIS)

A short version of the film EDUCATION FOR THE DEAF.

c-a 20 minutes $3.00

TRIUMPH WITHOUT DRUMS (TFC, Restricted to Classroom Use)

The story of Dr. Harvey W. Wiley and his struggle to secure the enactment of the Pure Foods and Drug Bill is effectively told. He became interested in the problem when, during the Civil War, he became a victim of ptomaine and was rendered unfit for further active duty. Honorably discharged, as a food casualty, he undertook an intensive research into the chemistry of foods in search for the cause of ptomaine from canned foods. During the research he discovered the unwholesome conditions under which much of the packaging of foods was taking place. After several defeats at the hands of lobbyists for the packing interests, his campaign was finally crowned with success through the support of President Theodore Roosevelt.

j-h-c 10 minutes $1.85

TROOP TRAIN (OWI)

Today's armies move on wheels — swiftly, surely over the steel rails that bind America together. Orders come to move the 201st Armored Division from "X" to "Y". From the traffic control center in Washington go orders obtaining the necessary cars and locomotives, routing them to "X", clearing a right of way to "Y". The film shows the regular routine of the soldiers aboard a troop train.

j-h-c 11 minutes $1.50

TROPICAL LOWLAND — THE AMAZON RIVER, BRAZIL (UW)

In this film, we study life in a large, hot, humid lowland dominated by forests. Although this area is rich in tropical products, it is sparsely populated. In the film, we see native families in their river front jungle homes, engaging in primitive subsistence farming, and gathering forest products, such as wood and nuts. The only connection with the outside world is the Amazon River, down which the natives make trips to small trading posts where river steamers collect their jungle products for transport to the port of Manaos, from whence they are shipped to all parts of the world.

i-j-h 22 minutes $2.65

TROPICAL MOUNTAIN LAND — JAVA (UW)

To know the people of Java is to know the land and all it has given them. Here is great wealth in oil, rubber, teak, quinine and the soil itself because it is constantly enriched and renewed by volcanic ash. The story is focused upon four men of a train crew. Their route is from coastal plain to mountain slope — from urban to rural scenes — from people employed in industrial activities to simple farmers dependent upon the soil. At the end, you know Java, you understand why fifty million people can earn a living on an island the size of New York State.

j-h-c 20 minutes $2.65

TROUBLE SHOOTING PROBLEMS — FUEL INDUCTION (CAA)

Shows how to find what system of the engine is causing trouble and how to locate the trouble within the system; how to trouble shoot in the fuel system for failure to develop full power, for rough running at idling speed, and for overheating; and how to check engine operation after trouble shooting.

h-a 16 minutes Handling charge, $1.00

TROUBLE SHOOTING PROBLEMS — IGNITION (CAA)

Shows how to find what system of the engine is causing trouble; how to locate trouble within the ignition system when an engine fails to start, when it runs rough, and when it fails to develop full power; how to repair and check engine operation after trouble shooting.

h-a 19 minutes Handling charge, $1.00

TROUBLE SHOOTING PROBLEMS — MECHANICAL AND LUBRICATION (CAA)

Shows how to find what part of the engine is causing trouble and the importance of checking obvious symptoms when trouble shooting; how to locate and correct causes of mechanical and lubrication trouble when the engine runs rough and when there are low oil pressure and high oil temperature; and the importance of checking engine operation after trouble shooting.

h-a 10 minutes Handling charge, $1.00

TROUBLE SHOOTING YOUR CAR (UW)

What a driver should do to locate and correct minor car troubles; how to follow an orderly and step-by-step procedure in checking why a car won't start; and how to recognize symptoms of impending trouble.

h-c-a 12 minutes $2.65

TRUCK FARMER, THE (EB)

Treats the geography of the Rio Grande delta and provides authentic recordings of the problems and activities of a truck farmer and his family. The labor question with respect to the employment of Mexican families for field work is portrayed. Planting, irrigating, spraying, harvesting, packing, and shipping truck crops are shown in detail. Scenes of the farmer's home life focus attention upon living standards made possible by the application of scientific farming methods.

p-i-j 11 minutes $1.50

TRUCKS THAT SERVE OUR CITY (TOM)

Shows how trucks serve a modern city in respect to communication, food supply, sanitation, construction, and as a link between residents and railroads.

p-i 14 minutes $1.50

TRUE GLORY (IFB)

A 1945 Academy Award winner. This is the official film document of the European phase of World War II.

h-c-a 84 minutes $8.00

TRUE PEACE (COF)

Art work illustrations depict the prophecies of the Old Testament and the gospels of the New Testament. Points out that true peace can only be found by submission to God in the Christ Child, both individually and nationally.

p-i-j-h-c-a 26 minutes $3.70

TRULY YOURS: THE DRESS THAT FITS (USDA, Color or B&W)

A "how to do it" film by the Bureau of Human Nutrition and Home Economics of the U. S. Department of Agriculture. Expert advice is given on the buying of clothing and household textiles. Problems of dress size, cut, and construction are discussed with emphasis on garment alterations at home.

h-c-a 20 minutes B&W $2.65, Color $4.25

TRUSTFULNESS (UW)

Dramatizes a short sermon by Rev. Selwyn Gummer.

h-c-a 10 minutes $1.85

TSCHAIKOWSKY'S FOURTH SYMPHONY (SF)

A performance of Tschaikowsky's "Rococo" variations, by cellist Leonard Rose.

j-h-c-a 10 minutes $1.85

TSCHAIKOWSKY'S PIANO CONCERTO IN B FLAT MINOR (SG)

Radio Philharmonic Orchestra of Italy plays the familiar concerto.

j-h-c-a 10 minutes $1.85

TUBERCULOSIS, ITS DIAGNOSIS, TREATMENT, CONTROL (EB)

Develops a general understanding and appreciation of the nature, prevention, diagnosis and treatment of pulmonary tuberculosis. Processes of primary infection and reinfection of the lungs are shown by animated photography. Photomicrography reveals tubercle bacilli surrounded by body defense cells. Tuberculin tests and X-ray examinations are demonstrated along with hospital treatments, including pneumothorax.

j-h-c 11 minutes $1.50

TUESDAY IN NOVEMBER (UW)

Portrays the 1944 presidential election from the pre-election nominating conventions through the party campaigns to election day in November.

j-h-a 22 minutes $4.00

TUGBOATS (EB)

In this film the tugboat is followed as it pulls a freighter out of its berth at the dock to begin a long ocean voyage; as it tows a large oil barge across the harbor; and finally, as it joins with a number of other tugs to dock a giant ocean liner.

p-i 11 minutes $1.50

TUNISIAN TRAVELS (TFC, Restricted to Classroom Use)

There are scenes along the ancient road to Carthage and in the present-day city of Tunis. Old Roman ruins and a native village in the desert are shown. In Tunis the modern buildings are contrasted with native bazaars and the dazzling white of the Arab buildings.

i-j-h-c 9 minutes $1.85

TURBOSUPERCHARGER, THE: FLIGHT OPERATION (CAA)

Shows the exact procedures recommended for flying personnel in operating the turbosupercharger; shows the specific things to do to obtain best results from the turbosupercharger at take-off, during flight, and when landing.

c-a 10 minutes Handling charge, $1.00

TURBOSUPERCHARGER, THE: MASTER OF THE SKIES (CAA)

Shows what the turbosupercharger is, how it is installed and maintained, the planes using this equipment, and flight operation.

a 25 minutes Handling charge, $1.00

TURKEY (MOT)

Traces Turkey's history from the days when Constantinople was the capital of the Ottoman Empire to the present-day dictator-like government of Ismet Inonu and the continuing struggle to retain control of the vital Dardanelles.

general 18 minutes $2.65

TURKEY: KEY TO THE MIDDLE EAST (McGH)

Turkey's location makes her a focal point in international affairs today. She is a bridge in between Europe and Asia with the U.S.S.R. to the north and the Suez Canal to the south. The film traces Turkey's history, from the days when Constantinople was the capital of the Ottoman Empire to today's continuing struggle to retain control of the vital Dardanelles.

h-c-a 30 minutes $3.70

TURNABOUT MAN, A (JH)

The importance of courtesy in safe driving.

h-c-a 10 minutes $1.85

TURNING A CYLINDER BETWEEN CENTERS (UW)

Choosing and centering stock for a job; turning between centers; how to select the proper speed; how to select and use cutting tools; how to use the parting tool to establish diameter and length; how to use the skew chisel; how to sand turning work; and safety factors.

h-a 17 minutes $2.65

TURNING A TAPER WITH THE TAILSTOCK SET OVER (UW)

Procedure followed when turning a taper on a lathe with the tailstock set over. Begins with a definition of the word "taper" and mentions some of the many ways in which they are used in machines. The three methods commonly used when turning tapers on a lathe are mentioned and the reason is given why it is sometimes necessary to use the set-over method.

h 17 minutes $2.65

TURNING WORK HELD ON A MANDREL (UW)

What a mandrel is; on what type of job it can be used to advantage; how to fit the mandrel into the workpiece; how to mount the mandrel and work between centers; how to protect the mandrel from injury by cutting tools; how to cut a bevel, using the compound rest; and how to calculate speed, feed, and set the controls.

h-a 20 minutes $2.65

TURNING WORK OF TWO DIAMETERS (PTC)

Traces the operations that are necessary to turn a gear blank with its shaft, from a solid piece of round stock. Turning the piece to rough size, laying off the gear blank, rough and finish turning the shaft, rough and finish facing, and facing to length are shown. A brief summary of the sequence of operations closes the picture.

h-c 13 minutes $1.50

TURNING WORK ON A FACE PLATE (UW)

Various types of face plates; how to choose the proper face plate; how to attach the stock to the face plate; how to true up the work; how to scribe the work for inside turning; how to use the round nose chisel and diamond point chisel; and how to smooth the bottom of the recess.

h-a 15 minutes $2.65

TUSSOCK MOTH CONTROL (CAA, Color)

Tells the story of how the tussock moth was eradicated from several hundred thousand acres of timberland. Shows planes used; how runways and airfields were rapidly constructed and utilized; tests set up to ascertain effectiveness of spraying technique; methods used in preparing and distributing the insecticide; and types of aerial spraying equipment employed.

h-c-a 15 minutes Handling charge, $1.00

TWO DECADES OF HISTORY (TFC, Restricted to Classroom Use)

A pictorial history of the period compiled from newsreels of 1927 through 1947.

j-h-c-a 22 minutes $2.65

TWO LITTLE PUPS (COR, Color)

The hen is led a merry chase by the rollicking pups, and contributes her "peck of fun."

p 10 minutes $2.70

TWO LITTLE RACCOONS (YA)

Two little raccoons tell about their daily life and the trouble they get into. They are peacefully looking for food in the forest when they notice that the farmer who lives nearby is leaving. They go to the house and proceed to get into mischief there — until Bobby and Jane, the farmer's children, come back and catch them. They leave, vowing to stay in the woods where they belong.

p-i-j 10 minutes $1.50

TWO PART SINGING (JHP)

A typical class returns from recess for a lesson in music. First they warm up by singing an alto part to a familiar round. Then the teacher leads them in two part singing.

j-h-c-a 20 minutes $3.00

TWO VIEWS ON SOCIALISM (C)

Designed to stimulate an intelligent discussion on the difference between socialism and capitalism. It helps students to gain a necessary understanding of socialism. The basic charges levelled by socialists against the capitalistic society are made and effectively answered.

j-h-c-a 16 minutes $2.25

TWO WAY STREET (OWI)

This short subject gives an account of how Lend-Lease worked for the benefit of all the United Nations all four years from the time it started to the present.

general 8 minutes $1.50

TWO WORLDS OF FRANCE: PARIS AND THE LAND BEYOND (McGH)

A tour of France presenting the landmarks and highlights of life in Paris and the scenic beauty and traditional way of life in the Dorgogne Valley. Shows rural Frenchmen using primitive methods to bake, wash clothes, and make wooden shoes. Includes scenes of peasant dances performed during the celebration which follows a wedding ceremony.

j-h-c-a 30 minutes $3.70

TWO YEARS BEFORE THE MAST (TFC, Restricted to Classroom Use)

An excerpt from the feature film produced by Paramount Pictures, based on the book of the same title.

h-c-a 20 minutes $3.00

TYPE RIGHT (TAE)

Correct finger position and typing strokes are demonstrated by a champion typist.

j-h-a 10 minutes $1.85

TYPICAL LESSON: SHORTHAND (McGH)

One of a series of six films on teaching shorthand, filmed in actual classroom situations. Other films in the series are: DEVELOPING SHORTHAND SPEED, TEACHING MARGINAL REMINDERS, FIRST LESSON IN GREGG SHORTHAND SIMPLIFIED, DOING HOMEWORK IN GREGG SHORTHAND SIMPLIFIED, and DOING HOMEWORK IN GREGG SHORTHAND SIMPLIFIED; FUNCTIONAL METHOD.

h-c-a 17 minutes $3.00

UGLY DUCKLING (EB, Color)

A charming adaptation of the classic fairy tale by Hans Christian Andersen. Highlights the adventures of a little swan who is raised with a brood of ducklings and rejected by all because he does not conform to the appearance of a duck. Finally, after many discouraging experiences, the ugly duckling discovers his true status as a swan of beauty and dignity.

p-i 11 minutes $2.70

UGLY DUCKLING, THE (C, Color)

Another adaptation of the Hans Christian Andersen fairy tale, filmed in Europe, the film takes on richness and beauty from authentic settings.

p-i 11 minutes $2.70

UN GRAND VERRIER (FSL)

Mariont, outstanding artist-artisan, is shown at work in the quarters of a glass factory, where he is permitted to carry on his original creations after hours. A large portion of the film has no verbal narration, but an original musical score to accompany the artist as he plans and executes his work of art. Narration in French.

j-h-c 20 minutes $3.00

UN PORT DE COMMERCE (IFB)

Shows the port of Le Harve and the methods used in modern ports as compared to an African port without docks.

h-c-a 16 minutes $3.00

UNCLE TOM'S CABIN (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

UNCOMMON CLAY (IFB)

An introduction to the work studios and personality of six American sculptors — Donald De Lue, Wheeler Williams, Paul Manship, Cecil Howard, James Earle Fraser and Laura Gardin Fraser.

h-c-a 18 minutes $3.00

UNDEFEATED, THE (BIS)

A young glider pilot who lost both his legs and the power of speech during the war is determined to become an active and useful member of his community again.

h-c-a 40 minutes $4.45

UNDER SOUTHERN STARS (TFC, Restricted to Classroom Use, Color)

This is a fictionized story of the Civil War battle of Chancellorsville and of events preceding it on the Confederate side. Just before the battle, Jackson and Lee attend a party at a southern home where they discuss Hooker's plans and outline their own campaign. The daughter of the house, having overheard the soldiers question the loyalty of her lover, appeals to Jackson, who treats the incident lightly and sends the boy to Lee with a humorous message. Jackson had agreed to signal Lee when to attack Hooker, but since he is mortally wounded, he sends a most urgent message to Lee by the same boy who carried the humorous note. The boy delivers his message and the battle is won. Lee rewards the boy with a captaincy.

j-h-c 20 minutes $4.25

UNDERSTAND YOUR EMOTIONS (C)

Effect and importance are just two of the many points brought to light and analyzed in this production. A general understanding of emotions, what they are, what they do, where they come from, and how they are changed is developed. Shows that emotions have many effects on the body, both on voluntary behavior and on involuntary behavior, and that people have different emotional responses to the same stimulus pattern.

j-h-c-a 14 minutes $2.25

UNDERSTANDING A MAP (YA)

Models and animation are combined to show what a map is and how we learn to read it. Discusses map scale, political, pictorial, and many other kinds of maps.

i-j 10 minutes $1.85

UNDERSTANDING BASKETBALL (YA)

Introduces the game of basketball to boys and girls. A basketball coach explains the basic rules and play of the game, including such things as scoring, fouls, etc. He also points out the common rules of courtesy to be followed by spectators.

i-j-h 10 minutes $1.85

UNDERSTANDING MOVIES (MGM)

Presents illustrations of excellence in directing, acting, photography editing, and art and music. Scene from *Tennessee Johnson* illustrates good direction; one from *The Good Earth* demonstrates acting; shots from *Treasure Island* present beautiful photography; a sequence from *David Copperfield* shows skillful editing; and the Capulet ball from *Romeo and Juliet* provides an example of fine art and music.

j-h-c-a 17 minutes $3.00

UNDERSTANDING OUR EARTH: GLACIERS (C, B&W or Color)

A study of the forces of nature helps us to understand how our earth came to be the way it is. Glaciers are an important natural force, and the film explains the way glaciers are formed. Type of glaciers, and how they change the earth's surface are shown also.

i-j 10 minutes B&W $1.50,
Color $2.70

UNDERSTANDING OUR EARTH: SOIL (C, B&W or Color)

An explanation of the soil profile plus a visual breakdown of the elements of soil — sand, decaying plant and animal matter, and clay. The importance of conservation, the process of soil making and the types of soil throughout the United States is also shown.

i-j 10minutes B&W $1.50,
Color $2.70

UNDERSTANDING THE DOLLAR (C)

Examines various types of income, the essential purposes of money as a medium of exchange, and analyzes factors which influence the real value of the dollar. Shows how the changing value of a dollar affects the lives of people with various sources of income.

h 10 minutes $1.50

UNDERSTANDING THE LAW (EB)

Explains the right of individuals to be protected from the law and by the law. Dramatizes a felony case to illustrate step-by-step functions in the due process of law.

h-c-a 12 minutes $2.25

UNDERSTANDING VITAMINS (EB, Color)

Graphically explains what vitamins are, how they work, and why they are necessary for good health. Points out natural sources of important vitamins and reveals the effects on body tissues of a diet lacking in certain vitamins. Recreates major events in the discovery of vitamins and calls attention to present-day research.

h-c-a 14 minutes $3.85

UNDERSTANDING YOUR IDEALS (C)

What are ideals? Why are they so important to well-being and happiness, and what do they have to do with character? These and other questions about ideals are answered in this film. A high school boy who has false conceptions of ideals finds the right objectives and goals to aim for. Specifically, the film tells and shows what ideals are, and how they influence and are influenced by character.

j-h-c 14 minutes $2.25

UNDERWATER ADVENTURE (SF)

Underwater photography of fish and sea animals in captivity at Marineland, Florida. Includes sharks, the barracuda, pilot fish, and others. Leaping porpoises are fed by hand and the cormorant bird which chases fish under water is shown.

j-h-c-a 10 minutes $1.85

UNE FAMILLE BRETONNE (EB)

This is the story of the film, FRENCH CHILDREN, told in simple French by a teacher-narrator, born in France and trained in the teaching of French to American pupils. Told in the present tense and avoiding all subjunctives, the narration is leveled at the needs of beginners and provides valuable practice in the understanding of spoken French. The film portrays family life on a farm in Brittany in western France. It illustrates the work of each member of the family and includes scenes of typical activities in the village school and a neighboring town.

h-c-a 11 minutes $1.50

UNESCO (UW)

Pictorial account of the UNESCO Conference in Paris. Shows the representatives touring the city as well as the Conference meetings.

j-h-c-a 11 minutes $3.00

UNFINISHED SYMPHONY (SF)

Schubert's symphony played by the Vienna Philharmonic Orchestra, with Joseph Krips conducting.

j-h-c-a 11 minutes $1.85

UNFORGIVING DEBTOR (UW)

A version of the parable of the unfaithful servant (Matthew 18:23-25) is dramatized.

j-h-c-a 10 minutes $2.00

UNFINISHED RAINBOWS (ALCOA, Color)

The aluminum industry is traced from Napoleon III's time to the present. Includes experiments by Charles Martin Hall which led to the first low-cost method of obtaining metallic aluminum in practical quantities.

j-h-c-a 36 minutes $1.00

UNIFORM CIRCULAR MOTION (McGH)

An animated film in which uniform circular motion is defined and demonstrated. The expression for the magnitude of the centripetal acceleration is derived. The meaning of centripetal force is explained in general, and illustrated in connection with a body whirling on a string, a car on a loop-the-loop, gravitational attraction, and the motion of an electrically charged particle in a magnetic field.

c 8 minutes $1.85

UNION AT WORK (CIO)

The story of how a union works to give everyone a better understanding of the U.S. labor movement. Tells the aims, achievements, and activities of a modern labor union, including who is in it, what it does for membership, and how it does it.

h-c-a 24 minutes $2.65

UNION IN THE MILL (AFL)

Shows some of the common grievances which employees in an unorganized factory may have and how the management may ignore those grievances. The action which employees may take to prevent the occurrence and mishandling of grievances is shown. A meeting at which no satisfactory solution to the local problems is reached is followed by a letter to union headquarters. An organizer from the headquarters guides them through the various steps to the local's committee meeting with the management.

h-c-a 31 minutes $3.00

UNITED NATIONS IN WORLD DISPUTES, THE (UW)

Reviews four major disputes that since 1945 have threatened world peace — Indonesia, Palestine, India and Korea — and demonstrates how the UN worked toward resolving each one.

h-c-a 21 minutes $3.00

U.N. AT WORK (UNFD)

Depicts the birth and workings of the International Children's Emergency Fund.

h-c-a 20 minutes $3.00

U.N. FORCES CROSS THE 38TH PARALLEL (USA)

(1) Korean War, March 20-April 20, 1951.

(2) General Eisenhower announces activation of SHAPE headquarters.

h-c-a 19 minutes $2.65

U.N. FORCES ESCAPE TRAP (USA)

Events of the Korean War from November 20 through December 20, 1950.

h-c-a 16 minutes $2.65

U.N. FORCES MOVE NORTH (USA)

Events of the Korean War from January 20 to February 20, 1951.

h-c-a 17 minutes $2.65

UNITED NATIONS, NEW YORK (Postage Stamp) (UNFD)

Shows the designing and manufacturing of the United Nations' postage stamps.

j-h-c-a 14 minutes $3.00

UNITED STATES (IFB)

Made by the British Army film unit for the purpose of presenting the U.S.A. to the armed forces of Britain, this is a valuable film for American history classes. Traces the history of the U.S. from landing of the pilgrims on Plymouth Rock to the present. Shows American traditions and characteristics.

h-c-a 45 minutes $5.00

U.S. COAST GUARD SONG (OWI)

The little known but magnificent song of the Coast Guard, "Semper Paratus," is the background for a complete four-minute story of Coast Guard training and action.

general 4 minutes Postage

U.S. COAST GUARD SPARS (OWI)

The SPARS are replacing many men who are placed in active duty. These women have the same rating, the same pay, the same responsibilities, and the same privileges as the men they replace. They are doing their part to win the war.

h-c 6 minutes $1.50

U.S. COMMUNITY AND ITS CITIZENS, A (UW)

The facts that all of man's needs cannot be satisfied directly from the earth and that to supply many of these needs, people live together in communities are lucidly portrayed in this film. In a community which has thousands of counterparts throughout this country and many parts of the world, we see the actual functioning of community life and services as we spend a day with a group of school children who are making a survey of their town as a school project.

j-h-c 22 minutes $2.65

UNITED STATES CUSTOMS SAFEGUARD OUR FOREIGN TRADE (F, Color)

The work of the U. S. Customs Service photographed on the Canadian Border, the Mexican Border, and at the eastern and western harbors of the United States.

h-c-a 16 minutes $4.25

U.S. NEWS REVIEW — NO. II (OWI)

The second issue of the U.S. News Review covers the five following subjects: unnecessary travel, mobile laundry for front line troops, Alcan Highway, jungle fighting, and the Marine Hymn.

j-h-c 19 minutes $2.65

U.S. NEWS REVIEW — NO. III (OWI)

Issue Number III covers the following six subjects: a plywood bomber, fixit, a report from New Guinea, Liberators blast Naples, a letter from Hocking, and United States Coast Guard song.

j-h-c 19 minutes $2.65

U.S. NEWS REVIEW — NO. IV (OWI)

The fourth issue of the U.S. News Review contains the following stories: the raider of Timor, army salvage, we guard Britain's books, good news from the fishing front, battle in the Caucasus, and "thingummybob."

j-h-c 17 minutes $2.65

U.S. NEWS REVIEW — NO. V (OWI)

This series includes the latest safety styles, care of children, a 1000-plane raid, an absenteeism cartoon and the Air Corps Song.

h-c 16 minutes Handling charge, $2.00

UNITED STATES TREASURY (TFC, Restricted to Classroom Use)

A tour through the various departments of the United States Treasury. Describes the making of paper money and the handling of old money returned to the Bureau of Engraving and Printing to be destroyed.

h-c-a 10 minutes $1.85

UNIVERSITY OF ILLINOIS CONCERT BAND (UI, Color)

Dr. A. A. Harding, one of the leaders in the school band movement and Director of Bands at the University of Illinois for thirty years is pictured in this film directing his farewell performance with the University Concert Band. Some of the highlights of this last concert and traditional features of previous performances appear in the movie. The entire score of Harding's band arrangement of "Psyche and Eros," two Sousa marches, and three traditional University songs comprise the film program presented. An unusual feature of the film is several face-on close-ups of Dr. Harding during this concert.

general 22 minutes $4.25

UNLOCKING THE ATOM (UW)

Animated diagrams explain chain reaction atomic structure, properties of alpha, beta, and gamma rays, reactions in the pile, and operation of a cyclotron. Demonstrations show how the nucleus captures a neutron, and an atomic explosion in action. Background information is given of early knowledge of the atom and the contribution of leading scientists.

h-c-a 20 minutes $2.65

UNPARDONABLE SIN (COB)

Dramatizes a sermon by Dr. Jesse M. Hendley.

h-c-a 20 minutes $3.00

UNSEEN HORIZONS (OIIC, Color)

Depicts the production, refining, transportation and marketing of petroleum.

h-c-a 30 minutes $1.00

UNTIL THE FIRE DEPARTMENT ARRIVES (BCR)

Explains what to do in the three or four minutes after a fire alarm has been turned in, before the fire trucks arrive. Shows how the householder can help save lives and assist in the control of the fire.

j-h-c-a 5 minutes $1.85

UNVEILING ALGERIA (TFC, Restricted to Classroom Use)

Shows the contrast between an ancient native city and a modern French metropolis set side by side on a beautiful harbor in North Africa. Algiers with its romantic past, second great seaport in the French Empire, rises majestically above one of the world's most beautiful harbors; the mark of the Orient is on it.

i-j-h-c 10 minutes $1.85

URUGUAY (OIAA)

A pictorial journey to the comparatively prosperous little country of Uruguay which in many ways resembles the United States in its liberal, independent, and advanced social and political life. Produced by Julien Bryan, this film indicates the relative ease, wealth, and contentment of its people, as well as the agricultural and economic basis of the country's good fortune.

j-h-c 16 minutes $2.65

USE AND CARE OF HAND FILES (JH)

Identification of types — instructions for use — cleaning and care.

h-c-a 20 minutes $3.00

USE OF AIRCRAFT FOR INSECT CONTROL — PART I — MOSQUITO CONTROL (CAA)

Shows how the airplane has been effectively used for mosquito control in the Tennessee River area. Illustrates two common types of airplane installations for this type of work and then proceeds to demonstrate proper operational techniques devised for thermal and aerosol spraying.

j-h-c-a 14 minutes Handling charge, $1.00

USE OF FORESTS (C)

A fishing pole or a daily newspaper, maple syrup or a rayon dress — all come from wood. Few people actually realize the myriad uses of our forests. In this film, the great forest areas of the country are shown with the various types of trees, and the various uses of wood and wood products are pointed out.

i-j-h 10 minutes $1.85

USE OF THE MICROSCOPE (SFC, Color)

Teaches the correct use of the microscope as a precision optical instrument in order to obtain the fullest value from microscopic study.

j-h-c 22 minutes $12.00

USEFUL KNOTS (USOE)

This picture shows how many commonly used knots are tied. Each knot is pictured as it is tied at normal speed, then a detailed voice instruction is given while the knot is tied twice at slow motion speed, and then again at normal speed. In addition to showing how the knots are tied, this picture also explains some of the uses of the various knots.

i-j-h 22 minutes $2.65

USING ANALYTICAL TOOLS (McGH)

By demonstrating a typical student problem, shows how various tools and techniques are applied. Points up the use of such tools as cumulative record, tests, anecdotal record, autobiography, etc., in assisting a student who has fallen behind in his work.

c-a 14 minutes $3.00

USING THE BANK (EB)

By means of animated drawings, live action photography and direct sound, film dramatizes the ways in which banks perform saving account, checking account and loan services for the citizen. Close-up photography gives students an intimate acquaintance with many banking operations making relevant arithmetic problems more meaningful.

j-h-c 11 minutes $1.50

USING THE CLASSROOM FILM (EB)

Demonstrates an approved procedure for teaching with motion pictures which is based upon years of research and experimentation. The film used for demonstration is The Wheat Farmer; the class is a seventh grade social studies group studying how the world is fed.

general 20 minutes $2.65

USING THE SCIENTIFIC METHOD (C)

Presents the scientific method in the context of an everyday problem. Begins with the definition of the problem and shows the steps in the procedure, through collection of information, formation of a hypothesis, and the experimental testing of the hypothesis to retesting of the results obtained. The attitudes so necessary for successful work with the scientific method — objectivity and precision — are also stressed.

j-h 11 minutes $1.50

USING VISUAL AIDS IN TRAINING (USOE)

An instructor, teaching his class the use of the micrometer, follows a carefully planned procedure involving the use of a training motion picture, a coordinated filmstrip, and an instructor's manual.

c 14 minutes $2.65

UTAH (INF, Color)

Emphasis on Salt Lake City and industries of the state — dairying, ranching, salt and copper mining.

i-j-h-c-a 10 minutes $3.00

VHF AIRBORNE RADIO SET SCR-522 (CAA)

Shows the inspection and checking of airplane transmitting and receiving sets both in the plane and in the repair shop.

c-a 24 minutes Handling charge, $1.00

VACUUM TUBE IN RADIO, THE (EB)

In this film animated drawings clearly show the way in which vacuum tubes work. The three functions of the vacuum tube in radio are carefully explained: how it serves in amplifying current to operate the loudspeaker, how it is used as a rectifier in detection, and how it is used as an oscillator tube in the transmission station to produce the carrier wave. The film content correlates with physics, electricity, electronics, radio, aeronautics, general science, industrial arts, and engineering courses.

h-c 10 minutes $1.85

VALLEY OF TEN THOUSAND SMOKES, THE (TFC, Restricted to Classroom Use)

The film story of Father Hubbard's expedition to explore the region in Alaska where great volcanic upheavals have destroyed vegetation and left residues of gas vapors which give the appearance of smoke. Father Hubbard and his party find the heat of the region decreasing since his previous visit indicating the possibility of nature recovering from the volcanic destruction.

i-j-h-c 11 minutes $1.85

VALLEY OF THE TENNESSEE (UW)

Emphasizes the change in agricultural methods made possible by flood control through the Tennessee Valley, with particular reference to the people affected.

h-c-a 30 minutes $3.70

VALSE BRILLANTE (OF)

Alexander Brailowsky, one of our greatest pianists, offers an unprecedented opportunity to study virtuosity from every angle in his presentation of Chopin's "Valse Brilliante."

j-h-c 5 minutes $1.85

VANDALISM (SD)

Shows how two boys begin with simple pranks which lead to more serious law violations.

j-h-c-a 10 minutes $2.00

VARLEY (IFB, Color)

Work of Frederick Varley, a Canadian painter.

h-c-a 16 minutes $4.25

VATICAN OF PIUS XII (LFI)

Includes a tour of the Vatican, views of priceless art treasures — their care and protection — St. Peter's Church, the Georgian University, ritual and costume of the Swiss Guard, protectors of the Pope.

j-h-c-a 18 minutes $3.50

VECTORS (USN)

Vectors, changes in angle or magnitude, how vectors are plotted, and how the resultant is found are demonstrated.

c 12 minutes $1.85

VEGETABLE INSECTS (IFB, Color)

A study of several vegetable insects together with measures for their control. Among the garden pests shown are the potato beetles, caterpillars, aphids, cutworms, squash bugs, corn ear worms and root maggots. Close-up shots reveal not only their eating habits but also their striking color and markings. In each case, the characteristics that make the insect destructive and those that render it vulnerable are emphasized.

i-j-h-c-a 20 minutes $4.25

VELDT, THE (TFC, Restricted to Classroom Use)

Here are scenes on the plains near the foothills of an African mountain range. We see lakes which teem with wild fowl. Flamingoes wade in the shallow water, then, with a running start, take off in flight, which is pictured in slow-motion. We see the secretary bird, the enemy of snakes. Glimpses of the hooded cobra, the black mamba and the puff adder, which strikes at a native before crawling into the bush. The native shoots his arrows through the head of a python coiled around a limb.

The baboon is pictured, a dangerous and annoying beast which kills domestic animals. A close-up of the chameleon reveals its swivel eyes and long, darting tongue. The fierce-looking but harmless iguana is seen. The close-up of the high mound of an ant hill shows the large queen ant. Another foe of the snake is the dwarf mongoose, which can be tamed. Also present are the praying mantis and the armorclad spiny cricket. A scourge of locusts sweeps the land, covering the trees and plants. Zebras inhabit the country near volcanic mountains, as well as bush pigs and antelopes.

A volcanic explosion fires the veldt. The natives and all the animals flee together, their fears of each other lost in the greater fear of the devastating flames.

p-i-j 11 minutes $1.85

VELOCITY OF CHEMICAL REACTIONS (EB)

The effect of the nature of reacting substances, of the concentration of the reacting substance, and of the temperature on the rate of chemical reactions are explained in this film by interesting demonstration experiments and animated drawings. Practical examples are also presented to illustrate these phenomena. The dynamics of reversible reactions and of chemical equilibrium are shown by schematic drawings that give clear conception of these frequently misunderstood processes.

j-h-c 11 minutes $1.50

VENEZUELA (UW, Color)

A trip through the Andes Mountains from the port of LaGuaira to Caracas, the capital of Venezuela. Scenes of Caracas are shown, and the film ends with a salute to Simon Bolivar.

j-h-c-a 10 minutes $2.70

VENICE (COF)

Many of the historical and famous places such as the Coleoni statue, St. Mark's Cathedral, street scenes, Ducal Palace, St. Mark's Plaza, Tower of the Moors, Saint George's Island, Bridge of Rialto, Casa d'Oro, S. Maria della Salute, the Pazzetta, Bellini paintings, glass making, maps of early history, Titian, Tintoretto, and Tiepolo paintings, are shown.

j-h-a 18 minutes $2.65

VENICE (YA)

Depicts a visit to the old capital of the Venetian Republic with its colorful vistas, churches, red-tiled roofs, and priceless works of art. A close inspection of the gondola is made, and a visit to Saint Mark's Square is taken.

j-h-c-a 10 minutes $1.85

VENICE — QUEEN CITY OF THE ADRIATIC (EB, Color)

Portrays the features of this city "built on islands." Modern Venice is made understandable in terms of the city's origin, its rise to power and wealth through trade, its decline with the coming of new trade routes, and its survival as a thriving city through adaptation to new conditions.

i-j-h 11 minutes $2.70

VERACRUZ (OIAA, Color)

With Joseph Cotten, the actor, as narrator this film conducts its audience through the Mexican province of Veracruz. Varicolored flowers, odd native clothes and customs, and the colorful panorama of the quiet countryside make this film a delightful treat.

i-c 20 minutes $3.50

VERMONT (INF, Color)

Covers Vermont's quarries, the world's leading source of marble and granite and the maple sugar and dairy industries.

i-j-h-c-a 10 minutes $3.00

VERNIER SCALE, THE (USOE)

The modern era of interchangeable parts of machinery has been made possible only through precision measurement. This subject is a detailed study of the principles of the vernier scale and its application to precision measurement. Through the use of animated diagrams both the ten and twenty-five part vernier scales are explained. Several settings of these vernier scales are shown in extreme close-ups to provide experience in their reading. The correct method to handle vernier micrometers is also shown.

h-c 22 minutes $2.65

VESICULAR EXANTHEMA (USDA, Color)

Tells the ways in which the disease is spread, how it may be identified, and the importance of differentiating it from such diseases as hoof and mouth. Important control measures are discussed.

h-c-a 18 minutes $1.50

VICIOUS CIRCLE (USDA, Color)

Portrays the avian type of tuberculosis prevelant in hen flocks all over the United States. Difficulty of detection is illustrated and prevention and elimination of the disease are stressed.

c-a 21 minutes $1.50

VIKING TRAIL, THE (TFC, Restricted to Classroom Use)

This film portrays the sweeping beauty of Norway, its fjords, waterfalls and snowcapped mountains, and shows us the country people still living under the influence of an ancient tradition.

In the eerie light of midnight sun we see a steamer approaching Hammerfest, the most northerly city in all Europe. A group of tourists lands and later we get a glimpse of them mountain climbing. Then we visit the Laplanders who, the commentator tells us, were driven to the Arctic fringe by the ancient Scandinavians. Here they live in sod huts, in which they reckon their wealth by the size of their herd of reindeer. From Lapland we go down to Bergen, the chief port of Norway, where we see its modern buildings and busy life while the commentator explains its importance in the commercial life of the country.

i-j-h 11 minutes $1.85

VIM, VIGOR, AND VITAMINS (BFS)

Illustrates the effectiveness and principal food sources of each vitamin. Shows a day's menu based on foods rich in vitamins.

j-h-a 10 minutes $1.50

VISIT FROM ST. NICHOLAS(C, B&W or Color)

This perennial favorite will add much to school Christmas programs, class parties, and church showings. Produced in lively animation, the film retells the story of the midnight visit of St. Nicholas with his wonderful team of reindeer and bountiful sled of toys.

general 6 minutes B&W $1.00, Color $1.60 (one day only)

VISIT TO IRELAND, A (C)

It takes us to the Emerald Isle, to tour the charming countryside with its simple thatched cottages, peat bogs and green pastures dotted with sheep. Then, off we go to thriving Dublin. We spend a peaceful evening on the hearth with the O'Sheas; visit a school, a church, stop for a moment at the lovely Lake of Killarney, and leave with Ireland's enchantment ever fresh in our memories.

i-j-h 10 minutes $1.50

VISIT WITH COWBOYS, A (EB)

Describes the work of the cowboy through the eyes of an American boy visiting a ranch for the first time. Shows how horses are shod and how they are fed. Includes scenes of horses being rounded up and broken to the saddle. Also portrays how cowboys rope calves and ride bucking broncos at a rodeo.

p-i 10 minutes $1.50

VISUAL FLIGHT RULES (CAA, Color)

Depicts a typical cross-country VFR flight and reviews the more important Civil Air Regulations that must be complied with during the flight.

h-c-a 21 minutes Handling charge, $1.00

VISUALIZING AN OBJECT (USOE)

How a blueprint is developed; how dimensions are shown by different views; and how various kinds of lines are shown on a blueprint.

h-c 9 minutes $1.85

VITAL EARTH (EB, Color)

Tells the story of plant and animal interrelationships, and explains the organization and balance of nature which is essential to survival. In the chain of life this organization of the living community is a vital link to preserve the balance between living plants and animals. (For other films in this series see ARTERIES OF LIFE.)

j-h 11 minutes $2.70

VITAL SIGNS AND THEIR INTERRELATION: BODY TEMPERATURE, PULSE, RESPIRATION, BLOOD PRESSURE (UW)

The physiology of the respiratory, heat regulatory, and circulatory systems and their interrelation in normal functions and in deviations from normal: how to ascertain and record the vital signs; the importance of making thorough and accurate observations; and how to take care of equipment.

c-a 32 minutes $3.70

VITAMIN RIVERS (CFI, Color)

Shows how great advances in canning processes have made possible the development of vast areas of the United States and in turn, how this development has promoted the health of the people of the nation.

general 22 minutes $3.00

VITAMIN-WISE (NFBC)

Explains the vitamin categories of the main fresh vegetables and proceeds to advise housewives to experiment, save and stretch, improvise, and obtain the maximum food value by employing proper cooking methods. It gives warning against waste due to careless cooking and stresses the need for conservation of both food and fuel.

j-h-c 11 minutes $1.85

VIVA MEXICO (McGH)

Opens in Mexico City. Then travels to various parts of the country to show the rich lands and resources. Concludes with a view of Mexico's armed forces and military traditions.

j-h-c-a 18 minutes $3.00

VOCAL MUSIC (EB)

Describes and illustrates the principles of voice production in vocal music. Demonstrates good and bad posture, correct breathing, good tone production, and good diction. Illustrates common faults such as breathiness, tightness, throatiness, and nasality. Depicts the singer's role as a performer as well as his function as an instrument, and includes several examples of good vocal music.

j-h-c-a 11 minutes $1.50

VOICE FROM THE SKY (COB)

When Rev. Louis W. Arnold of Lexington, Kentucky, needed an airplane to travel between two pulpits 60 miles apart, a Christian businessman offers to give him the plane and equip it with a powerful public address system if he agrees to do preaching from the sky. People hear from the sky and are saved by trusting in Christ.

h-c-a 20 minutes $2.65

VOICES OF MALAYA (BIS)

An account of life in Malaya today. Still suffering from the effects of war, famine, and political upheaval, five million people of four races — Malay, Chinese, Indian, and European — are working side by side, endeavoring to bring to Malaya a life of peace and prosperity.

general 35 minutes $3.70

VOLCANOES IN ACTION (EB)

Throughout the history of man, volcanic phenomena have stimulated man's imagination. Today we realize, and this film demonstrates, that even frightful volcanic phenomena operate in accordance with natural laws. The film presents by photography evidence of past volcanic action. Animated drawings combined with photography explain many of the more important phenomena of volcanism such as dikes, sills, laccoliths, metamorphism; the products of volcanism including lava, cinder, and ash; causes and distribution of active volcanoes throughout the world.

j-h-c 11 minutes $1.50

VOLLEY BALL FOR BOYS (C)

The film shows in regular and slow motion the proper methods of serving, volleying, spiking, defensive play and various drills to develop such skills. The film records natural game sounds and narration.

j-h-c 11 minutes $1.50

VRONSKY AND BABIN, DUO-PIANISTS I (FCI)

These brilliant young performers met while students at Berlin where they had come from their native Russia to study under Artur Schnabel. Marrying, they at once renounced separate careers. The perfect accord of their tastes and temperaments is recorded in their playing. They play: "Waltz in A Flat" by Brahms; "Valse" by Arensky; "Flight of the Bumble Bee" by Rimsky-Korsakoff.

i-j-h-c 11 minutes $1.85

VRONSKY AND BABIN, DUO-PIANISTS II (FCI)

Vronsky and Babin play Polovisian Dances from Prince Igor by Borodin.

j-h-c 11 minutes $1.85

W. B. YEATS — A TRIBUTE (FCI)

Filmed in the Western portion of Ireland where Yeats spent his boyhood and youth. Poetry of Yeats is eloquently read and with fine music a splendid background for the countryside fills the viewer with images from Yeats magnificent poetry. An extremely artistic film.

h-c-a 22 minutes $3.00

WACKY WEED, THE (UW, Color)

Andy Panda's desperate efforts to keep a weed from choking out his flower.

general 10 minutes $2.00

WANDERERS OF THE DESERT (EB, Color)

Visits the Arabian Desert, extending from Jordan to Saudi Arabia, and pictures the camel mounted police unit, the racing camels of the desert patrol, and the Bedouins setting up camp, eating, and dancing.

i-j 10 minutes $2.70

WANTED A MASTER
(TFC, Restricted to Classroom Use)

The story of a stray dog who is seeking to find a master before a deadline after which dogs without owners will be impounded.

p-i 10 minutes $1.85

WAR CAME TO AMERICA (AFS)

This picture is one of the best documentary films ever produced. It covers first, the early history of the United States, and then deals with the period during the 1920's and '30's with members of the government shown in newsreel shots and documentary film cuttings discussing major issues. The rise of the Nazis and Fascists and the power of Japan is shown as preceding the war in Europe. The film dramatically brings up incidents of war and discord over the world, and concludes with the Japanese attack at Pearl Harbor. The film is an excellent picture for showing to classes studying American history. It actually brings history to life.

general 59 minutes $7.50

WAR DANCE (UOK, Color)

With authentic music in the background, the War Dance is now danced for pleasure and entertainment. Costumes, movements, and traditions are explained.

i-j-h-c-a 13 minutes $3.35

WAR IN EUROPE (ICS)

Has historical value in that it shows the invasion of Poland, declaration of war by Britain and France, and other war scenes.

general 11 minutes $1.50

WAR NEWS FROM NEW ZEALAND (NZNFU)

Featuring various phases of New Zealand's war effort on the home front, this film is a collection of newsreel scenes filmed in New Zealand, base for the U. S. Marine Corps in the South Pacific.

j-h-c 12 minutes $1.50

WAR ON WHEELS (OWI)

Is the story of an American truck convoy ambushed by German tanks. Its rescue in a pitched battle by a group of American medium tanks graphically pictures the type of action which won for us in Tunisia. The commentary brings home to the worker the importance of his role in our mounting war production.

h-c 22 minutes $2.65

WARDENS OF WATERTON (NFBC, Color)

Shows wardens of Waterton Lake International Peace Park in Canada going about their work in the protection and conservation of animal and plant life. Pictures them inspecting the trail and supervising maintenance operations. Scenes of the park, including the graveyard of the first white settlers, the Prince of Wales Hotel, bison, moose, and other animals found in the park, and Red Rock Canyon are presented.

h-c-a 20 minutes $4.25

WARTIME NUTRITION (OWI)

Produced by the Office of War Information at the request and with the cooperation of the Office of Defense Health and Welfare Services, this film emphasizes the importance of using our limited wartime supply of food wisely. Proper diet and wise selection of the food we eat is essential to good health. "Eventual victory may depend upon what we eat."

j-h-c 10 minutes $1.50

WASHINGTON, CAPITAL CITY (IFI, Color)

Visits the capitol building, the White House, the Lincoln Memorial, the Jefferson Memorial, and Washington's Monument.

j-h-c-a 10 minutes $2.70

WASHINGTON, SHRINE OF AMERICAN PATRIOTISM (BO, Color)

A panorama of the nation's capital. Includes closeups of historic documents, visits to famous buildings, Mt. Vernon, and the Lincoln Memorial.

i-j-h-c-a 20 minutes $1.50

WASHINGTON AND ITS NATURAL RESOURCES (USBM, Color)

The state of Washington is really seven states in one, and the common resource of all of them is water power. We see many other scenes of Washington industries and activities — fishing, flower growing, fruit and forest industries. There is a view of the Peace Arch at Blaine — symbol of friendship between Canada and the United States.

general 30 minutes $1.50

WASHINGTON IRVING (EB)

Brings to life significant episodes in the life of Washington Irving, the first American to receive prominent recognition in the world of literature. Traces Irving's early life in New York as a lawyer and then as a writer. Describes his travels and life abroad, highlighting the incidents on which hinged the writing of his best-known literary works.

j-h-c 20 minutes $2.65

WASHINGTON PARADE (TFC, Restricted to Classroom Use)

A travelog through some government buildings in Washington, D. C. We begin at the Union Station, through one of whose arches can be seen the dome of the Capitol, which is kept in view as we proceed along Pennsylvania Avenue.

The President addresses a joint session of Congress. The Congressional restaurants are pictured, and the Lincoln memorial is seen.

Before the Treasury stands a statue of Alexander Hamilton. Within, an engraver cuts the die used in the printing of banknotes. Printed in sheets, the money is cut and stacked. Worn-out, returned bills are stored in bundles, then cut in half and each half is counted and checked, before burning.

In the Department of Justice we are shown the many scientific instruments of detection. A group of G-men test their marksmanship on the target range.

i-j-h 10 minutes $1.85

WASHINGTON SQUARE (TFC, Restricted to Classroom Use)

Adapted from the novel by Henry James, shows how a plain girl is dominated by her father's memory of his beautiful wife.

h-c-a 20 minutes $2.65

WASHINGTON STATE (IFI, Color)

The historical, industrial, geographical and scenic highlights of the state.

i-j-h-c-a 10 minutes $2.70

WASTAGE OF HUMAN RESOURCES (EB)

Graphically points out the tragic wastage of human resources caused by failure to provide for healthful, safe, effective living. Calls attention to wastage at all age levels — wastage caused by crippling disease, careless accidents, juvenile delinquency, unemployment, alcoholic and drug addiction, mental disease, crime, and the most tragic of all — war.

j-h 11 minutes $1.50

WASTE NOT — WANT NOT (WSI, Color)

Tells the importance of reclaimed wool in making woolen cloth. Shows how woolen rags are collected for reprocessing. Explains the terms 100% wool, reprocessed wool, and re-used wool which are found on garment labels. Explains the process of making woolen cloth from greasy wool to finished cloth. Points out advantages of clothing made from wool.

j-h-c 22 minutes Handling charge, $1.00

WATCH MR. WIZARD (CI, Color)

Mr. Wizard demonstrates the workings of an electromagnet to a little boy and girl and shows them how to make one at home. He demonstrates the forces of the magnetic poles and makes a doorbell and telegraph key.

p-i-j 30 minutes $1.50

WATCH THAT QUOTATION (C)

Teaches the importance of quoting accurately, the general importance of authority behind statements, how to quote in speech and in writing, and how to read and to listen to quotations.

i-j-h 11 minutes $1.50

WATCHTOWER OVER TOMORROW (TFC, Restricted to Classroom Use)

Suggests workings of the Assembly, International Court of Justice and Security Council of the United Nations.

j-h-c 10 minutes $1.85

WATER (USDA)

Points out that without water there would be no food and actually no life on our planet. Presents the water cycle: water from the early producing clouds, clouds producing rain, rain falling on the earth where attempts are made to control the supply of water. Depicts the right and wrong ways of plowing to prevent erosion.

i-j-h 11 minutes $1.50

WATER BIRDS (EB)

Material on certain of our American water birds is presented in this film. Photographic sequences depict the physical characteristics, habits, environment, adaptiveness and care of young of the egret, the mallard duck, the Canada goose and the brown pelican. Sequences depict facts about the lesser scaup and the flamingo. Animation shows the winter and summer homes of the Canada goose and the principal migration route.

i-j-h-c 11 minutes $1.85

WATER CYCLE (EB)

Traces eternal cycle of water from ocean to sky and back to ocean.

j-h-c 11 minutes $1.50

WATER FOR DRY LAND — SOUTHWEST U.S.A. (UW)

This film presents a picturization of the dependence of man upon his supply of water. The living in oases is contrasted sharply with the barren wastes of surrounding deserts. The transformation of desert lands by man's triumph in controlling the water supply and the tremendous industrial developments, possible through abundant hydroelectric resources, is vividly portrayed.

i-j-h 22 minutes $2.65

WATER — FRIEND OR ENEMY (OIAA)

A Walt Disney animated cartoon in color done in the true Disney style. It shows how water can be a true friend to man if proper precautions are taken to see that it is pure. Also illustrated are correct measures in keeping spring and well water from being contaminated and suggests boiling of water as a final precaution.

j-h 11 minutes $3.00

WATER LURE (DL)

Depicts the conservation work accomplished along the streams in Georgia and the South. In accordance with the theme of the film, there are shown many projects in the CCC Camps.

general 11 minutes $1.50

WATER POWER (EB)

The concept of potential power from water is introduced by the water cycle which furnishes a never-ending source of power. It is shown how rapids and waterfalls, by this use, were changed from hindrances to aids to man's progress. The body of the picture traces the development of water power, chiefly in the United States, from the small mill of the early Colonist to such modern projects as Niagara, Boulder Dam, and the Tennessee Valley. There is an informative sequence on the transformation of potential energy of the waterfalls into kinetic energy through the hydroelectric plant. The film concludes with a world-wide survey of potential water power.

i-j-h 11 minutes $1.50

WATER SAFETY (YA)

Presents safe practices for children engaged in swimming or boating.

i-j-h 10 minutes $1.85

WATER SUPPLY (A, Color)

Dramatically portrays, through natural scenes and animated diagrams, the source, storage and handling of water by nature and man.

i-j-h 11 minutes $2.70

WATER, WATER, EVERYWHERE: OBSERVING THINGS ABOUT US (C)

Primary children, in discovering the importance of water to plants and animals, will learn about the passage of water from the earth into the air by evaporation, why rain falls and how the clouds form. The importance of the water around us — water we can see and water that we cannot see is clearly illustrated.

p-i 11 minutes $1.50

WATER WE DRINK, THE (C)

Depicts the importance of proper drinking habits for good health and illustrates the many body functions which water serves. Together with Tom and Bill in the story, the audience learns that water is essential to our bodies and why we should drink only clean, pure water. Also shows methods of water purification.

p-i 11 minutes $1.50

WATER WORKS FOR US (YA)

Shows the place of water in our modern life. It shows how water works for health, for growth, for power.

p-i 10 minutes $1.85

WATERCOLORS IN ACTION (FI, Color)

Explanation and illustration of important details in watercolor painting including: characteristics of the "direct method"; simplicity of professional equipment; colors and color combinations; simplicity of pencil detail; how to lay washes; maintaining a wet wash by tilting; comparison wet and dry tonal value, and modification of applied colors by dropping added color into wet wash.

h-c 10 minutes $2.70

WATUSSI OF AFRICA (EB)

Provides an intimate study of the environment and activities of a ruling family of Watussi in the Rwanda region of Africa. Describes their cultural status, their food, clothing, home furnishings, servants, and the relationship between father and son, and mother and daughter. Reveals their works of art, hunting and ceremonial activities. Native conversation and music are reproduced in impressive situations.

i-j-h-c 10 minutes $1.50

WAVES OF GREEN (JH, Color)

Tells the story of the Land-Grant colleges and extension services and their contributions to agriculture. Shows how the U. S. has bettered its standard of living by taking advantage of ideas of scientists, and by the help of county agents, extension workers, and special courses at agricultural colleges now available to every farm family.

c-a 44 minutes $5.00

WAY IN THE WILDERNESS
(TFC, Restricted to Classroom Use)

Provides an insight into the function of the Public Health Service and inspiration for medical research as a vocation. Incidental treatment of sharecropper and color problems in Southern agriculture.

h-c-a 11 minutes $1.85

WAY OF SALVATION (UW)

Covers that part of Paul's life contained in the Book of Acts 16:9-40. Paul and Silas together with Timothy have made their first missionary journey into Europe to the city of Philippi, in Greece. Here they meet Lydia and others who become interested in Paul's teachings.

j-h-c-a 25 minutes $3.70

WAYS TO BETTER CONVERSATION (C)

What constitutes a good conversation and how can skill in conversation be improved? Students will be able to identify themselves with some of the many characters in the story and thereby gain a better understanding of their own mistakes, causes of those mistakes and the proper remedies.

j-h-c-a 11 minutes $1.50

WAYS TO GOOD HABITS (C)

Children in the lower grade levels are developing the habits which they will have throughout their lives. Instead of merely reiterating the old theme, "Don't do that — that's a bad habit!," this film shows the importance of habits, good or bad. It demonstrates how to substitute good habits for bad ones and motivates students to build good habits of their own.

p-i 10 minutes $1.50

WAYS TO SETTLE DISPUTES (C)

There are simple ways to prevent and settle disagreements; compromise is one method that this important film suggests. Other ways are presented as a guide for students to follow while maintaining a cooperative attitude on the part of both parties.

p-i 11 minutes $1.50

WE DISCOVER FRACTIONS (C)

Helps students to relate the arithmetic symbols of fractions to their own experience.

i-j 11 minutes $1.50

WE DISCOVER THE DICTIONARY (C)

A story of three students learning, by writing a letter, the fine points of using a dictionary.

i-j 10 minutes $1.50

WE GO TO SCHOOL (C)

Children first entering school have a tremendous adjustment to make from the protective, comparatively unrestricted shelter of their homes. Only through the sound motion picture is it possible for these youngsters to fully visualize the concept of the school community when they first become a part of it. The film teaches them what they can expect from school; what the school, in turn, expects from them; the importance of school rules. It gives them a sense of security — of belonging to this new environment.

p 10 minutes $1.50

WE HOLD THESE TRUTHS (BFC)

A young Negro soldier, on his way to Korea, finds slums and race segregation in Washington, D. C. and New York City, wonders if we have a right to call ourselves a "Christian nation," and finds that the church does have an interest in these problems.

h-c-a 28 minutes $8.00

WE LIVE IN TWO WORLDS
(TFC, Restricted to Classroom Use)

With J. B. Priestley the narrator, this film points out that we cannot escape living in two worlds, the international as well as the national.

Standing by a map, he discusses the state partitions, then international trade and communications. Switzerland is chosen as a specific illustration of the theme.

First we see the frontier guards of Italy, France, Austria, and Germany. Then glimpses of Swiss everyday life against a background of the Swiss Alps: peasants, folk dancing, harvesting. The transitional stage from the national to the international is symbolized by the running of a telephone line from the lowlands to the mountain climbers' rest house high in the Alps, giving them contact with the entire world.

We hear about the tourist trade; see pictures of winter and summer sports activities. The growth of international trade; construction of a dam to generate hydroelectric power and the central power station to supply current to new factories are other subjects brought to view. Trains and automobiles speed through the night, and planes and ships go their ways carrying Swiss products to all parts of the world.

j-h-c 10 minutes $1.85

WE MAKE BUTTER (YA)

A film especially made for young children, full of story interest and rhythmic music. Dick and Jane visit Cousin Billy's farm, where they learn from Aunt Ruth how butter is made. Each of the three children, with his own jar of milk, makes some butter under Aunt Ruth's supervision. Then all three watch as she makes butter.

p 11 minutes $1.85

WE PLAN TOGETHER (TC)

Prepared to help teachers-in-preparation and teachers-in-service, as well as interested students, gain a better understanding of the process of cooperative planning in education. It shows an eleventh grade group planning cooperatively for learning in their core class over a period of several months.

h-c-a 20 minutes $2.65

WE PLAY AND SHARE TOGETHER (BFS)

There are three children, Susan, Irene and Michael; who are playing in the schoolyard. At first, Susan and Irene refuse to let Michael share their play. However, they soon find that it is more fun when everyone plays and shares together.

p 10 minutes $1.85

WE SAID WE'D COME BACK (OWI)

Tells the story of the Navy's fight in the Pacific. The assembly of the greatest sea power in the world is pictured. There are active combat shots of the latest ships, planes and weapons in action. Admiral King, in opening the film, reports on the enormous complexity and size of the fleet and its huge cost.

h-c 20 minutes $2.65

WE SPEAK AGAIN (STG, Color)

Shows the rehabilitation of a patient whose larynx has been removed because of cancer. Illustrates techniques of training the patient to develop esophageal speech.

a 16 minutes $4.25

WE, THE PEOPLES (YA)

This provocative, documentary film is a presentation of the story of the United Nations Charter. It shows how Man's desire for peace and human rights and his abhorrence of wars led to the need for and the formulation of the United Nations Charter.

general 10 minutes $1.85

WE TOO RECEIVE (CAR)

Christian natives in the Southwest Pacific save lives of American airmen shot down in the jungle. Shows one practical result of mission schools.

h-a 15 minutes $3.00

WE VISIT THE SEASHORE (YA)

Jimmy shows his little cousin Jane the sights of the seashore. It is the first time that Jane has ever been there. Jimmy catches a fish, the children take a boat ride, build a sand castle, and look for sea shells, Jimmy's dad sunbathes on the beach and helps them build their sand castle. Then Dad says it's time to go home because it is best not to be exposed too much to the bright sun all at one time.

p-i 10 minutes $1.85

WE WOULD BE BUILDING (CCH, Color)

Shows how the residents of Silver Spring, Maryland, felt and met the need for a church in their community.

a 20 minutes $4.25

WEALTH OF THE ANDES (OIAA, Color)

The economy of Peru is largely dependent upon the mineral resources of that country. The importance of this industry is brought out as well as the degree to which refining has been developed for the purpose of processing the minerals taken from the mines. The scenic beauty of the country is brought out to good advantage by Kodachrome.

j-c 22 minutes $4.25

WEARING AWAY THE LAND (EB)

Several important processes which result in the wearing away of the land at one place and the building up at another are vividly shown in this film. Scenes taken all over the world show processes and formations which succinctly tell the story. How the land is affected by chemical decomposition of rocks, glaciers, wind and waves is presented. Scenes at Carlsbad Cavern illustrate the formation of caves, and animated diagrams and aerial views show how the coast line is changed by the waves of the ocean.

j-h-c 11 minutes $1.50

WEATHER, THE (EB)

The Polar Front Theory is explained and meteorological instruments and methods including thermometers, barometers, anemometers, pilot balloons, and radiosonde equipment are described. Animated photography portrays solar radiation, atmospheric circulation and cyclone wave phenomena.

j-h-c 11 minutes $1.50

WEATHER FOR THE NAVIGATOR (CAA)

Illustrates the assistance rendered to navigators by the radio, which has made each navigator an observer, sending his observations to professional forecasters at the weather centrals.

j-h 9 minutes Handling charge, $1.00

WEATHER WIZARDS
(TFC, Restricted to Classroom Use)

The film opens with a montage of blizzards, rainstorms, etc.; then to the scientific equipment of the modern Weather Bureau. The story is unfolded of the value of the Weather Bureau to agriculture; using as a specific illustration the California citrus industry.

i-j-h 11 minutes $1.85

WEAVERS OF THE WEST (ADP, Color)

Presentation of such Navajo Indian tasks as; weaving, shearing of sheep, carding, spinning, and selling of rugs in a trading post.

j-h-c-a 10 minutes $3.00

WEDDING FEAST, THE (UW)

Pictures the parable of the king and his wedding feast, as told in Matthew 22:1-14.

j-h-a 18 minutes $3.00

WEFT SYSTEM OF AIRCRAFT IDENTIFICATION (USN)

Models are used in this sound film to explain the WEFT system of aircraft recognition, which depends upon examination of wings, engine, fuselage, tail assembly, the first letters of which furnish the name WEFT.

Part I — Basic Characteristics

j-h-c 15 minutes

Part II — Special Characteristics

15 minutes, $2.65 each part

WEIGHING WITH THE ANALYTICAL BALANCE (EB)

Designed to show the chemistry and physics student how to operate and use the analytical balance.

h-c-a 20 minutes $3.00

WEIGHT EVENTS (EB)

Contains demonstrations of the shot put, discus throw, hammer throw, and javelin. Slow motion photography is used, together with repetition to give the student ample opportunity of observing every detail of technique in each of these events. The general poise of the body, the method of holding the shot, and the leg action, are clearly demonstrated. The method of gripping the hammer, the arm action, and the leg pivot are included in the hammer throwing sequence. Two styles of form are demonstrated in the javelin throw, together with techniques of holding, release, and leg action. Two styles likewise are demonstrated in the discus sequence.

j-h-c 11 minutes $1.50

WEIGHTS AND MEASURES (EB)

Tommy learns why we use weights and measures and some of the various ways in which they may be put to use to aid us in our everyday work.

i-j 22 minutes $2.65

WELDING (JH)

From a series of pictures designed to show the importance of a welder's job, the film introduces the welder's tools and equipment. The correct method to get a flame is shown and explained, as are the three types of flames which can be obtained. Flat ripples are made on steel sheets to show the way to hold the torch, and then a bead is welded, illustrating the way the welding rod should be handled. The picture closes with instructions on how to finish the job and put away the welding equipment.

h-c 22 minutes $2.65

WELDING OPERATOR (VGF)

Welding, of which oxyacetylene and arc welding are the principal types used in industry, is so important that today it is recognized as a trade in itself. Explained in this film are the problems involved in the use of equipment, the kind of welding done, the knowledge and physical requirements necessary, and the various opportunities open to a good welding operator.

j-h-c 11 minutes $1.85

WELFARE OF THE WORKER (BIS)

Shows the high standards of working conditions in England during World War II, including those standards affecting ventilation and light, food, hours, recreation, and safety.

h-a 8 minutes $1.50

WELL-OILED (NW)

Woody Woodpecker runs out of gas and gets into trouble with the law.

p-i 10 minutes $1.50

WELTON — A HEALTHY COMMUNITY (UWA, Color)

By explaining the way which one diphtheria case was quickly tracked down, isolated, and kept from spreading, the film gives a picture of how a modern, full-time public health department servcs the community.

h-c-a 31 minutes $5.20

WE'RE ON THE SPOT (PTC)

Depicts common hazards found in industrial plants. Shows proper use of tools, machine guards, clothes, goggles, first aid.

j-h-c 10 minutes $1.50

WEST INDIES, THE (EB)

Authentic documentary material concerning the geography and climate of the West Indies and the story of its peoples and their present-day activities is presented. Photographic sequences depict the types of people and economic activities of the region, including agriculture, manufacturing, commerce, and transportation. The economic interdependence of the West Indies with other parts of the world, including its imports and exports, is shown upon an animated map background.

j-h-c 11 minutes $1.50

WEST POINT TODAY (McGH)

Cadet life at West Point today illustrated by a tour of the West Point class rooms, barracks and museum. Stresses the academic side of West Point.

j-h-c 11 minutes $1.85

WEST VIRGINIA AND ITS NATURAL RESOURCES (USBM, Color)

West Virginia is a land of forested hills and fiery steel furnaces, scenic gorges and giant power plants, farms and busy cities, orchards and coal mines, beef cattle and gas and oil wells, parks and glass factories. Shown are scenes of underground operations in modern coal mines, other resources that make it a leading producer of chemicals, glass, metal products and hardwood lumber, its steel mills, the world's largest nickel plant, and the scenic beauty of the state. A few flashbacks tell of early exploration.

general 32 minutes Handling charge, $1.50

WESTERN EUROPE: AN INTRODUCTION (C)

Presents the complexity of eleven various countries in Western Europe; the dense population; the careful and varied uses of the land in relationship to the climate; the importance of trade and manufacturing and the close link between the history and geography of Europe to the Western world.

h-c-a 11 minutes $1.50

WESTERN FRONT (OWI)

Is of historical interest as it depicts the need of the Chinese for American aid in order to defend their country.

j-h-c 22 minutes $2.65

WESTERN GERMANY: THE LAND AND THE PEOPLE (C)

Shows the relationship of the industrial, agricultural and commercial life to the dense population, and relatively infertile soil, together with the importance of coal, trade, and synthetic products in the industrial development of Western Germany.

h-c-a 11 minutes $1.50

WESTERN SHEEP (UPRR, Color)

Features scenic shots in the high country and new methods used in the west in the producing and handling of sheep.

j-h-c-a 20 minutes $1.00

WESTERN WONDERLAND (TFC, Restricted to Classroom Use)

The enormous rocks and the hugh trees of the Grand Canyon and Sequoia Valleys have been photographed at various angles and the narrator describes their dimensions.

j-h-c-a 11 minutes $1.85

WESTMINSTER ABBEY (PO)

Shows, among the tombs of kings and queens, the shrine of St. Edward, the founder of the Abbey. The coronation stone and chair, and the unknown soldier's tomb are links with modern history, and the vaulted roofing and flying buttresses are remarkable architectural features.

j-h-c-a 11 minutes $1.85

WESTWARD BY PRAIRIE SCHOONER
(TFC, Restricted toClassroom Use)

Pictures the life of the pioneers in a covered wagon train en route westward, making their way across deserts, through mountain country, and across wide rivers. The duties of both the men and women are depicted, as well as the activities of the children.

i 9 minutes $1.85

WESTWARD MOVEMENT (EB)

By means of animated drawings, the story of the Westward Movement, from 1790 to 1890, is portrayed in its geographic setting. In this picture, the events unfold in proper chronological order. Among the topics developed are: territorial expansion, routes of migration and transportation, increase and distribution of population, extension of settlement, admission of states to the union, and the mining and cattle frontiers. A 1942 production.

j-h-c 11 minutes 1.50

WET LANDS (USDA)

This picture shows where our 120 million acres of wet land are located. It points out that seventy-eight million of these acres will serve us best if left in their natural state for the production of timber and the preservation of wildlife. Thirty-one million acres are shown to be suited to farming if properly drained. A section of the film illustrates briefly the principal types of water control and methods. Farmers, working together, can improve drainage on land now being farmed and bring into production land that is now too wet for any production at all.

h-c 10 minutes Handling charge, $1.00

WET MOUNTING PICTORIAL MATERIALS
(IU, Color)

Demonstrates the step-by-step process of wet mounting materials on a cloth backing, using wheat paste. Suggests appropriate subject matter areas and indicates several methods of displaying completed mountings.

j-h-c-a 11 minutes $3.00

WE'VE A STORY TO TELL (MPH)

Portrays the role of the local church in the national and world-wide extension program of the Methodist church.

j-h-c-a 30 minutes $3.70

WHALE HO! (TFC, Restricted to Classroom Use)

A record of a day's whaling including the locating, pursuing and harpooning of a whale by fishermen in a small boat.

h-c 9 minutes $1.85

WHAT ARE DECIMALS? (IFI)

In order that meaning and not memorization will result decimals are explained by the use of examples from every day child life. The emphasis is put on the physical significance of the measurements or quantities discussed.

i-j 11 minutes $1.85

WHAT ARE FRACTIONS (FI)

To assist in the introduction of the subject of fractions this film uses a variety of examples from everyday experiences of children, shows how to write a fraction, explains the meaning of numerator and denominator, demonstrates how to determine the value of a fraction, and reviews all concepts covered.

i 11 minutes $1.85

WHAT ARE MACHINES (IFI)

Shows what machines are, how they are made, and how they have affected our lives. Emphasizes how inventions grow out of and depend upon older inventions.

i-j 10 minutes $1.85

WHAT CAUSES THE SEASONS (YA)

Using models and animation together, this film demonstrates, in terms that young students can understand, how the inclination and revolution of the earth cause our changing seasons.

i-j 10 minutes $1.85

WHAT GREATER GIFT (NEA, Color)

A high school girl, contemplating teaching as a career, sees classroom scenes, and learns of the professional preparation, understandings and skills essential to good teaching.

h-c-a 28 minutes $5.20

WHAT HAPPENED TO JOJO? (BFC)

JoJo, a "super life-of-the-party" teenager, and her friends in the church young people's society were only nominally concerned with the gang on the other side of town until one of the gang "bopped" her with a rock. Shows how she and her friends dealt with the situation.

i-j-h-a 35 minutes $8.00

WHAT IS A CITY? (BFS)

In terms of the needs of the people and the work they do, pictures, inserts, and animation, explain the location and growth of cities.

i-j-h 11 minutes $1.85

WHAT IS A CONTRACT (C)

Teaches students the importance of a thorough understanding of contracts. Students learn the basic elements of both oral and written contracts, the need for contracts, and their binding nature upon all parties concerned.

h-c 11 minutes $1.85

WHAT IS A CORPORATION (C)

The film differentiates between the three principal forms of business ownership: single proprietorship, partnership, and corporation. A basic vocabulary for the study of business ownership is introduced. The emphasis is on corporate ownership.

j-h-c 10 minutes $1.85

WHAT IS A FARM WORTH? (Castle, Color)

Shows how to evaluate a farm in terms of its soil, drainage systems, pasture for livestock, extent of erosion, water supply, conditions of the buildings, and its location in terms of school, stores and other community facilities.

c-a 14 minutes $2.50

WHAT IS A MAP? (YA)

By use of animation and special photographic techniques, the concept of maps is introduced and explained, first in the terms of a plan of a living room, then in the terms of a map of the neighborhood.

p-i-j-h-a 10 minutes $1.85

WHAT IS ART? (EB, Color)

Starting with a vivid parade of all the elements featured in the art in action series — color, line, texture, form, light and dark. Encourages children to discover the basic elements of the world around them, to find new relationships, to experiment with a variety of materials and to understand what the elements mean in art.

p-i 5 minutes $1.85

WHAT IS BUSINESS (C)

Takes students into the world about them to show them how great the contribution of business is to modern living. Familiar objects from their own homes are used to demonstrate the distribution and service phases of business activity.

j-h-c 11 minutes $1.85

WHAT IS CHINA
(TFC, Restricted to Classroom Use)

An over-all survey film on the Republic of China. Sequences emphasized are the geography of China, history of China, peoples of China, and development and change in China. The beginning and end sound track carry a chorus singing the Chinese National Anthem.

p-i 22 minutes $3.25

WHAT IS CLOTH (C)

Develops a soundly motivated interest in the study of textiles and provides a broad platform of basic information on the subject.

i-j-h 11 minutes $1.85

WHAT IS CONSCIENCE? (C)

The purpose of this film is to help the members of the audience discover for themselves the many effects of conscience and how each can use his conscience to improve his own mental health. Different explanations of conscience are presented and dramatically illustrated incidents of the workings of conscience are developed to give the audience a background for study.

j-h-c-a 10 minutes $1.50

WHAT IS ELECTRICITY? (EB)

Animation is used to show movement of electrons, flow of current and to give other fundamental information about how electricity is made and distributed.

j-h-c-a 20 minutes $2.65

WHAT IS FOUR (YA)

Helps develop the meaning of numbers. The number "four" is presented in concrete situations familiar to children. The second part is for slightly more advanced children. It introduces concept of abstract numbers and of addition and subtraction.

p-i 15 minutes $2.65

WHAT'S IN A NAME (BEF, Color)

Tells the story of a mistake that was made and a job that was lost because of a misspelled name.

h-c 10 minutes $2.70

WHAT IS MODERN ART? (R, Color)

Both the traditional and the modern point of view are presented through the attitude of a girl who is outraged by modern painting, and a painter who tries to convey why modern artists paint in their particular styles. The audience is not given a pat answer but an attempt is made to stimulate further thought about the approaches.

Shows painting by Van Gogh, Picasso, Mondrian, Dali, Miro, and others. The scene is the Museum of Modern Art's Penthouse, a gathering place for the members of the museum.

h-c-a 30 minutes $5.20

WHAT IS MONEY (C)

A film designed to establish these basic concepts: (1) what money is, (2) why money is used, and (3) how it can be used.

j-h 11 minutes $1.85

WHAT IS SCIENCE (C)

Designed as an introduction to the study of science, this film is an illuminating exposition of the meaning of the word. In a simple story, it presents the application of the "scientific method," which embraces five major steps: curiosity, observation, hypothesis, testing of hypothesis and conclusion.

i-j-h 11 minutes $1.50

WHAT IS SOIL (FI)

Develops, step by step, through demonstration and experimentation, an understanding of soil and soil formation.

p 11 minutes $1.50

WHAT IS SOUND (YA)

Photography, animation, and synchronized sound are combined in this film to demonstrate what causes sound, how sound waves travel, and why sounds differ.

i-j-h 11 minutes $1.85

WHAT IT MEANS TO BE AN AMERICAN (F, Color)

Shows two families with children of different ages, and illustrates how the children meet many of their problems from youth through high school. The children make good and bad decisions. As a climax young people are shown preparing for commencement exercises. Emphasizes not only our material advantages, but also educational and cultural opportunities.

i-j-h 22 minutes $4.25

WHAT MAKES A BATTLE (OWI)

It takes a masterpiece of strategy to get supplies and human power coordinated when forces of land, sea, and air unite to strike blows that bring us nearer victory. Such a masterpiece was the battle of the Marshall Islands where each success meant another battle and wounded and casualties everywhere. Here out of ten thousand Japs only 264 surrendered.

h-c 18 minutes $2.65

WHAT MAKES A DESERT (YA)

Explains and illustrates the geographic and climatic factors that create a desert area, with reference to the deserts of the southwest United States. Shows the factors of prevailing winds and mountain barriers. Points out how desert land can be reclaimed by irrigation.

i-j 11 minutes $1.85

WHAT MAKES A GOOD PARTY (C)

Parties play an important role in the lives of young people; they want to have good parties and enjoy themselves at social affairs given by others. Presents the skills of having a successful party and highlights the duties of the host and guest that make a party a "hit."

j-h-c-a 11 minutes $1.50

WHAT MAKES NIGHT AND DAY (YA)

Why we have alternation of day and night as well as the reason why the sun can shine only on one-half of the earth at a time is shown in this film.

i 8 minutes $1.50

WHAT MAKES RAIN (YA)

The concepts of evaporation and condensation as they apply to the water cycle are explained.

i-j 10 minutes $1.50

WHAT MAKES THINGS FLOAT? (YA)

What really does make things float? Two boys out fishing are puzzled by the question and try several experiments. They discover that neither weight nor size by itself determines whether an object will float or not. The narrator of the film then takes us back to the laboratory where some experiments show that an object will float if it is no heavier than the water it displaces. The experiments are performed and facts pointed out in a relaxed atmosphere that helps promote quick learning on the part of students

i-j 10 minutes $1.85

WHAT MAKES US GROW (NFBC)

This was filmed for a youthful audience, explaining the necessity for their eating proper food. Experiments with rats show the fatal results of vitamin deficiencies and children are advised to eat more eggs, fresh vegetables, and fruit. Four glasses of milk per day should be the child's ration, with whole-grain bread, beans, potatoes, cabbage, and peas as other body-building and protective foods.

p-i 11 minutes $1.85

WHAT MEN LIVE BY (UW)

Based on a fantasy by Tolstoy, is designed to stimulate thought on spiritual values of life as opposed to materialism. Raises the questions: What dwells in man? What is not given to man? What does man live by?

h-a 40 minutes $4.45

WHAT PRICE HAPPINESS (NESC)

Stressed in this film is the number of home injuries which occur each year. Last year thirty thousand people were killed or injured in home accidents. Many are caused from the careless use of matches, the electric iron and portable electrical appliances in the bathroom. Carbon monoxide is also the cause of many fatal accidents. It is pointed out that it is easier to prevent an accident than to recover from one.

i-j-h-c 11 minutes $1.50

WHAT THE FROST DOES (BACKGROUND FOR READING AND EXPRESSION) (C, B&W or Color)

A little boy finds a pumpkin in his father's field, and eagerly watches for frost time to pick it. Signs of seasonal changes and the effects of frost are depicted.

p 10 minutes B&W $1.50,
Color $2.70

WHAT TIME IS IT? (C)

In this story, children learn the fun of telling time. The interesting devices by which the film portrays the story of seven-year-old Barbara Stevens hold the attention of the children while teaching them the various aspects of the importance of telling time, and of time itself. Pupils learn new words, useful in reading, storytelling and discussion. They become familiar with arithmetic and counting problems associated with telling time. And they learn how people live and work together through being able to measure and "tell time."

p-i 11 minutes $1.50

WHAT TO DO ON A DATE (C)

A typical high school student learns that there is more to do on a date than just go to the movies. In carrying his problem through to a solution, the film shows how to plan dates that satisfy both the boy and the girl. It shows the wide range of activities available to high school students who want to make dating an entertaining, enjoyable and constructive social custom.

j-h-a 11 minutes $1.50

WHEAT FARMER, THE (EB)

The film portrays the life of a wheat farmer and his family in a typical midwestern area. Preparing the soil, and planting winter wheat are treated in detail, along with other farm tasks — milking, cooking, and general repair work. The brother and sister attend a 4-H Club meeting, where reports on the progress of farm projects are given. When the wheat is ripe, father and son, assisted by a neighbor and hired men, operate a modern combine. Mother and daughter help by preparing food for the harvesting crew. The wheat is loaded into trucks from the combine and hauled to the town wheat elevator.

i-j-h 11 minutes $1.50

WHEAT SMUT CONTROL (UPRR, Color)

An animated film designed for the wheat grower, covering the proper steps to follow in controlling smut in wheat.

j-h-c-a 10 minutes $1.00

WHEAT, THE STAFF OF LIFE: WHEAT GROWING (SM)

The growing of wheat: preparation in plowing and discing, planting, reaping and threshing, and delivery to local grain elevators. Microphoto sequences show the germination of wheat.

i-j-h 11 minutes $1.50

WHEAT: THE STAFF OF LIFE: PART II, MILLING (SM)

Follows wheat through one of the world's largest mills, showing the processes of cleaning, tempering, milling, grading and packaging of flour.

i-j-h 11 minutes $1.50

WHEAT: STAFF OF LIFE: PART III, WHEAT USES FOR MEN AND ANIMALS (SM)

Pictures all processes for bread, cakes, cookies, etc.; the making of macaroni and spaghetti; the use of wheat as a food for domestic and farm animals.

i-j-h 11 minutes $1.50

WHEN SHOULD GROWN-UPS HELP? (NYU)

Four episodes in which an adult might not have intervened to assist the child are shown in the film. Intended to stimulate discussion on the issue and to provide an exercise in the observation and recording of behavior.

c-a 13 minutes $3.00

WHEN SHOULD GROWNUPS STOP FIGHTS? (NYU)

In this film introductory sequences point out that fights, quarrels, and conflicts occur even in nursery schools which provide a peaceful and satisfying setting for the development of young children. Four different episodes are shown which involve conflicts among two-to-five-year-olds, but the resolution of these conflicts is not shown. The audience then discusses the issues raised. The four key episodes are then repeated with conclusion.

c-a 15 minutes $3.00

WHEN WORK IS DONE (OWI)

As an example of community action to provide for the welfare of its members, this film will be of interest to all Americans. Produced by the Office of War Information in cooperation with the Recreation Division of the Federal Security Agency, this film shows how the war-boom town of Sylacauga, Alabama, solved its problem of forming recreation facilities for thousands of defense plant workers.

j-c 9 minutes $1.50

WHEN YOU ARE A PEDESTRIAN (PRP)

Prepared and produced with the cooperation and under the supervision of local police departments, safety councils and school departments. Includes both the pedestrian's and motorist's responsibilities to prevent accidents.

j-h-a 11 minutes $1.85

WHEN YOU CHOOSE NURSING (IFB)

Portrays the work and play opportunities of four nurses in the fields of pediatrics, teaching, industry, and public health.

j-h-c-a 20 minutes $3.00

WHEN YOU KNOW (JH)

Knowing your car is equipped for safe driving adds greatly to your peace of mind.

h-c-a 10 minutes $1.85

WHERE LOVE IS, GOD IS (UW)

A bereaved cobbler is embittered against religion. He spurns a neighbor's sympathy and clergyman's solace, but is finally persuaded to read the Bible. Its message gradually personalizes itself to him and he follows the admonition: "Look into the street tomorrow, for I will come." He gives food to an unemployed man, intercedes for a boy who has stolen some fruit, and loans his coat to a poor woman and her child. In the woman's gratitude he learns that "God is Love," his faith is restored, his soul comforted. (John 1:4-8; Matthew 25:40).

a 40 minutes $6.00

WHERE MILEAGE BEGINS (GM)

The efficiency of an automobile motor is one of its measures of "How many miles can you get to a gallon?" This film gives the complete history of the construction and operation of a modern automobile motor. Step by step the various parts are assembled and their functions explained. Very lucidly the fundamental strokes of a gasoline engine are demonstrated.

general 20 minutes $2.65

WHERE ON EARTH (UW)

A geography quiz game in which scenes of various places of interest throughout the earth are shown, and questions are asked about them. The audience has five seconds to answer each question.

i-j 10 minutes $1.50

WHERE WILL YOU HIDE? (EB, Color)

It shows homes blown to pieces, people dying of disease and plague, and a world destroyed by war. Yet it is a helpful film, too, for it shows there is no alternative for us but peace. Its message can be the basis for intelligent thought and action to prevent the holocaust which it presents with such breathless realism.

j-h-c 22 minutes $4.25

WHICH WAY THIS TIME (OPA)

Shows how disastrous inflation during and after World War II has thus far been prevented by government controls. The film draws lessons from history to show why inflation still threatens the economy of the United States in the postwar period.

j-h-c 11 minutes Handling charge, $1.00

WHIRLWIND MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

WHISPERS (TFC, Restricted to Classroom Use)

This subject concerns organized whispering campaigns and the spreading of rumors for commercial purposes. A case is cited wherein an honest, public-spirited citizen attempts to rebuild the slum section of a large city. But forces in the city, to whom civic improvements mean financial loss, start a vicious whispering campaign, which not only defeats the project, but ruins the honest citizen's reputation.

j-h-c 10 minutes $1.85

WHISTLE IN THE NIGHT (McGH)

Tells of America's railroads showing the little-known activities that are vital cogs in the smooth operation of the network of rails which crisscross the country.

j-h-c-a 17 minutes $3.00

WHITE CONTINENT (BIS, Color)

This is the first stage of the co-operative Norwegian — British — Swedish expedition to Queen Maud Land during 1949-1952; the first truly international antarctic expedition, with the nations each sending men and sharing the cost. Excellent color photography lends interest to this absorbing account of the departure from Europe in the Norwegian sealer "Norsel," its encounter with heavy weather, the transfer of cargo from the "Thorshovdi" to the "Norsel," the "Norsel's" voyage through iceberg-laden sea and pack ice until it reaches its final destination. A camp base is established and the "Norsel" steams off, leaving 15 men at the base which will be their home for two years.

j-h-c-a 20 minutes $3.00

WHITE FATHERS, THE (WFFD)

Describes the work of the White Fathers among the natives of Africa, contrasting the superstitious life under the influence of the witch doctors with the enlightenment brought by the Fathers.

h-c-a 15 minutes $3.00

WHITE FLOOD (BRF)

The life history of a glacier from its birthplace in the mountains to the day when it floats into the sea.

i-j-h-c-a 20 minutes $3.00

WHITE HOUSE (RKO)

Presented as a pictorial trip through the White House in Washington, D. C., with its dignified simplicity and its glamorous background. This film takes a couple; two plain, everyday Americans, on a conducted trip through the home of the executive branch of the government.

j-h-c 19 minutes $2.25

WHITE PINE BLISTER RUST (USDA, Color)

This insidious disease entered the United States at the beginning of this century. The picture shows the area affected, the complete life cycle in association with currant and gooseberry plants, how the disease enters and kills white pine, and the effective control measures now being used to protect our native white pines in the thirty-nine states in which they grow.

h-c 18 minutes $4.25

WHITHER THOU GOEST (IFI)

Depicts the story of Alice Gardner, a young war widow, and her relationship with her mother-in-law and future husband. Alice finds a parallel of her situation in the life of the Biblical Ruth whose quality of loyalty, steadfastness, and kindness to her mother-in-law serve as examples to Alice in successfully meeting her own problem.

h-c-a 11 minutes $2.00

WHO ARE THE PEOPLE OF AMERICA? (C, B&W or Color)

A simple, dignified film built around the theme that the people of America are the peoples of the world, who have come here at many different times and for many reasons and have become fused, through common interests and experiences, into a new people — the people of America.

j-h-c-a 11 minutes B&W $1.50, Color $2.70

WHO'S BOSS

See

MARRIAGE FOR MODERNS: WHO'S BOSS

WHO MAKES WORDS? (C)

Teaches a lesson of semantics through a simple school story. A class which is at a loss for a word to describe a new pastel colored blackboard is encouraged by the teacher to study the ways in which other new words have come into the language.

i-j 11 minutes $1.85

WHO THEN CAN BE SAVED? (UW)

Combines the stories from the Bible of the rich young ruler whose servant leads him to the way of Christ, and the blind man, Bartimaeus, whose sight is restored by Jesus.

h-a 20 minutes $3.00

WHO WILL TEACH YOUR CHILD? (McGH)

This film takes up the nature of teaching and explores, by illustration, several types of teacher-classroom situations. There is the teacher whose entire view of her professional duty is bounded by the narrow routine of classroom tasks she sets her pupils. She has no time for irrelevant questions, however spontaneous. Another teacher understands that teaching includes helping a boy who is branded as a "Polak" and excluded from the circle of his classmates. Then there is Miss Gee, fresh from teachers' college, eager but inexperienced. Because of inadequate training she cannot control the class. Her failure ends in a decision to leave teaching for good. Another sequence shows a skillful teacher, using the play, "Julius Caesar," help his class interpret the deeper meaning that lies beneath the surface of mere words and relates this meaning to contemporary life. The film calls for a re-evaluation of the meaning of good teaching so that it may become a profession which will attract to it increasingly better teachers.

c-a 22 minutes $3.25

WHO'S DELINQUENT (McGH)

The newspaper of an American town investigates the causes of juvenile delinquency in its community. Many inadequacies are found and the people finally meet in an effort to solve the problem.

h-c-a 16 minutes $3.00

WHY CAN'T JIMMY READ? (SU)

Good treatment of how to study the behavior of children and to make case studies with children who have reading difficulties. Illustrates need for parent-teacher-clinic cooperation.

c-a 20 minutes $3.00

WHY PLAY LEAPFROG (HC, Color)

Shows how increases in wages result in increased prices. Points out that wage raises based on increased productivity increase purchasing power, but that wage raises without corresponding increase in productivity force prices higher so that the two can, and frequently do, "play leapfrog."

h-c-a 10 minutes $3.00

WHY PUNCTUATE (YA)

Orientation film designed to motivate and introduce (or review) the study of punctuation. Also summarizes the basic rules for use of the most important punctuation marks.

i-j-h 11 minutes $1.85

WHY STUDY FOREIGN LANGUAGES (C)

Jim Baker can't see any use in studying foreign languages until brother Dick returns from a trip to Europe and convinces Jim that he is wrong. Demonstrates how knowledge of foreign languages contributes to enjoyment of travel, success of commerce, harmonious international relations, appreciation of many literary works, and richer understanding of our own culture.

j-h-c 11 minutes $1.50

WHY STUDY LATIN (C)

A visit to a high school Latin class where the teacher and several of the students explain why studying Latin is important to them. Covers the values of Latin to an understanding of history, an appreciation of literature, a mastering of English, and the practical usefulness of Latin to many professions.

h 11 minutes $1.50

WHY STUDY SCIENCE (YA)

An orientation film explaining why a knowledge of science is valuable not only in professional training, but in every day life.

h-c 11 minutes $1.85

WHY STUDY SPEECH (YA)

An orientation film explaining the importance of desirable speech techniques in our everyday life.

h-a 11 minutes $1.85

WHY TAKE CHANCES (SD)

In any normal year, simple accidents kill more children aged 1 to 14 than all principal diseases combined. The most constructive approach to this problem is to instill into the child's mind a consciousness of the need to live and play safely. This is a thing which the film does excellently. It is designed to educate children on some of the consequences of carelessness — without trying to scare them to death.

i-h 10 minutes $2.00

WHY WE RESPECT THE LAW (C)

As one of the cornerstones of our democracy, law must work and if law is to work there must be respect for law. Therefore, this film strikes at the heart of teaching democracy. Its main theme is the development of an attitude of respect for all law — big and little; a habit of obedience without compulsion. Dramatic highlights in this film teach the social need and individual need for respect for law.

j-h-c-a 15 minutes $2.25

WHY WILLIE WAS WILLING TO WASH (NMP)

Stresses the importance of keeping yourself clean.

p-i 10 minutes $1.85

WHY WON'T TOMMY EAT? (SF)

The study of Tommy illustrates a common problem and through him reasons for a child's lack of appetite are studied. Not only physical, but emotional reasons are probed. The film goes back into Tommy's infancy to uncover some of the reasons.

h-c-a 19 minutes $3.00

WHY YOUNG AMERICA PAINTS (ASF, Color)

Serves as an aid to teachers in their classroom work. It will also act as an incentive to pupils in their urge for self-expression.

i-j-h-c-a 10 minutes $2.70

WILD ANIMALS: THEIR HOMES AND HABITS (AB)

The comparison of both bird and mammal homes and the method of protecting their young.

i-j-h 11 minutes $1.85

WILD DUCK CHASE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

WILD WEST MICKEY (HFE, Color)

A Mickey Mouse cartoon.

p-i 10 minutes $2.00

WILDFLOWERS OF SPRING (LFI, Color)

Deals with color in nature using wildflowers as an example. Points out measures to preserve wildflowers and illustrates many Australian species which are not native to the United States.

i-j-h-c-a 6 minutes $3.00

WILDLIFE AND THE HUMAN TOUCH (USDA, Color)

The national forests are one of the largest and most important wildlife producing areas in the country still available to the public for recreational use, including hunting and fishing. The film shows characteristic forest animals in their natural habitat — and what the U.S. Forest Service is doing to improve that habitat.

h-c-a 20 minutes $4.25

WILDLIFE IN AFRICA (ARF, Color)

A travelog to oné of the largest game areas in the world. Shows a wealth of African birds and animals including a rare and perilous shot of the elephant charge.

j-h-a 10 minutes $3.00

WILDLIFE ON THE VELDT (TFC, Restricted to Classroom Use)

Shows an average day in the lives of the wild animals in the Kruger Park Sanctuary, South Africa. The film has no narration, but there are occasional sounds, and a musical background.

j-h-c-a 10 minutes $1.85

WILL EUROPE UNITE? (BIS)

Discusses the possible benefits if Europe will cooperate as a geographic and economic unit, while the possible penalties if they don't. Reviews Europe's past and present contributions to industry and culture.

h-c-a 20 minutes $3.00

WILL FOR PEACE (UW)

Contrasts the post-war activities of the United States with those of Russia. Shows how the United States has worked toward peace through the UN, UNRRA, the Marshall Plan, etc., while Russia has concentrated its activities upon preparations for war.

h-c-a 33 minutes $3.70

WILLIAM ROSE BENET (RO, Color)

Pictures a visit with the author at his summer home on the rock-bound coast of Massachusetts.

h-a 11 minutes $3.00

WILLIAM SHAKESPEARE: BACKGROUND FOR HIS WORKS (C, B&W or Color)

In the England of today, this film shows the place of Shakespeare's times and elements of English life that gave the great poet-playwright his language and shaped his character. Kenilworth Castle, Stratford, the River Avon, and the Hathaway Cottage are just a few of the familiar spots that link the past with the present.

j-h-c-a 15 minutes B&W $2.25, Color $3.85

WILLIAM TELL (OF)

An abbreviated version of the opera by Rossini, preserving the dramatic continuity, and containing all the important musical passages. Filmed on the stage of the Rome Opera House. The course of the action is explained by Olin Downes, music critic, who acts as narrator.

j-h-c-a 25 minutes $3.70

WILLIAMSBURG RESTORED (CWI, Color)

This brilliantly photographed and superbly edited study of Colonial Williamsburg and how it was restored, detail by detail, to its appearance of colonial times, makes a rich experience for any class in American History. Opening with an historical sequence showing the excitement in Williamsburg on hearing of the Boston Tea Party, the film then leads into the story of how the work of restoration was begun in the late 1920's, and how it has progressed to the present. There is a wealth of stimulating detail concerning the research that architects and historians undertook in rebuilding the city — so accurate that even the moldings of the houses are reproduced exactly. The background and outline of some of our finest traditions are clearly etched in WILLIAMSBURG RESTORED.

h-c-a 30 minutes $5.20

WILLIE AND THE MOUSE (TFC, Restricted to Classroom Use)

This comparative study shows that experiments with laboratory mice have implications in educational procedure in the classroom. The mice are trained by sight, sound and touch, and the commentary draws attention to the ways in which the experiments with mice illustrate the necessity for variety of approach in the teaching of children.

j-h-c 10 minutes $1.85

WIND FROM THE WEST (FON)

A blend of fact and fantasy, the land of the Lapps in northernmost Sweden is the setting. In a schoolhouse young Nils sits dreamily longing that he might go with the older Lapps on their yearly migration to the mountains. Presently the boy dozes. In his dream the voice of the Wind from the West speaks to him and takes him on a dream-visit to the mountains.

i-j-h-a 18 minutes $3.00

WINDS AND THEIR CAUSES (C)

Pete's model airplane crashes. He is determined to find out why. So, with Pete, the viewer discovers the facts behind thermals, cumulus clouds, and thunderstorms. Then the great winds of the earth are explained, the on- and off-shore breezes, the easterlies and westerlies.

j-h 10 minutes $1.50

WINDSHIELD WIPER (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

WINGS FOR AN ANGLER (CAA, Color)

Lee Wulff, noted game fisherman, learns to fly a Piper Cub on Edo floats, and five weeks after first getting in the airplane, takes off on a 1,200 mile cross-country trip to Newfoundland; thereafter, the picture is devoted to various fishing excursions to trout and salmon water with close-ups of fly casting, hooking his fish, and landing it.

h-c-a 22 minutes Handling charge, $1.00

WINGS FOR ROGER WINDSOCK (CAA)

Cartoon treatment depicting the importance of the air age and told through the eyes of a youngster who has always been sold on aviation and finally ends up by selling others on it too.

i-j 14 minutes Handling charge, $1.00

WINGS LIKE EAGLES (THO, Color)

Concerns the activities of glider pilots and their ground crews, filmed at the 21st national soaring contest at Elsinore Valley, California. Shows details of launchings, and of gliders maneuvering in thermals.

h-c-a 17 minutes $3.85

WINGS OF MERCY (CAA)

Depicts Saskatchewan's air ambulance service. Through this service, every one in Saskatchewan is now within three hours of a hospital — at the very most. This is an excellent film to show how aviation can bring new hope and new security to those who live in outlying districts. The organization, personnel and operation of this air ambulance service are dramatically portrayed.

i-j-h-c-a 20 minutes Handling charge, $1.00

WINGS OVER BRAZIL (OIAA)

"Brazil has a predestination for aviation," wrote one historian. This film bears out that statement. The progress made by Brazil in the modern, advanced field of aviation, especially during World War II, is pictured.

j-h-c 15 minutes $4.00

WINGS TO ALASKA (PAA, Color)

From Seattle to Alaska over the snowcapped Rockies by plane. Gives an idea of the glaciers, the salmon canneries and shrimp industries and wild life.

general 20 minutes $4.00

WINGS TO BERMUDA (PAA, Color)

The facilities offered by Pan American planes are shown together with scenes of Bermuda.

h-c-a 20 minutes $4.00

WINGS TO CUBA AND THE CARIBBEAN (PAA, Color)

The marvelous facilities of plane navigation, their accommodations and service, as depicted by Pan American World Airways, add to the reasons why we should see this beautiful country of bathing beaches, tropical flora and fauna, wonderful sports — sailing, bicycling and gold — and view Bermuda's fascinating land of old world charm.

general 30 minutes $4.00

WINGS TO ENGLAND AND BELGIUM (PAA, Color)

A "travelog" tour of London, Oxford, Shakespeare country and historic towns and castles in England. Brussels, Bruges, Vianden Castle, and the duchy of Luxembourg are also shown.

j-h-c-a 31 minutes $4.00

WINGS TO FINLAND (PAA, Color)

Takes the viewer on a vacation flight to Finland. The arrival at Malmo airport is followed by scenic highlights, old and new, of Finland's modern capital. Scenes include busy Mannerheim Boulevard, the city's massive "Great Church," the National Theater, Parliament Building, and the beautiful "Ladies of Helsinki" statuary which grace parks and gorgeous flower gardens.

general 22 minutes $4.00

WINGS TO FRANCE (PAA, Color)

We join an American couple on a tour of Paris, the valley of the Loire, the chateaux country, Bordeaux, Carcassonne, Avignon, and resorts of the French Riviera.

j-h-c-a 31 minutes $4.00

WINGS TO HAITI (PAA, Color)

A trip to Haiti by plane reveals Port au Prince, capital city; the market place; native dancers and arts; and the citadel of Henri Christophe.

h-c-a 20 minutes $4.00

WINGS TO HAWAII (PAA, Color)

Takes the audience on an air trip to Hawaii and around the island to such key points of interest as Waikiki Beach, Maui, active and extinct craters, sugar cane and pineapple plantations, a cattle ranch, and several smaller islands. Highlights the hospitality, beauty and pleasures to be experienced by the visitor to the Hawaiian Islands.

general 33 minutes $4.00

WINGS TO IRELAND (PAA, Color)

Air trip from New York to Ireland. Places visited are Shannon, Killarney, Cork, Plains of Tipperary and Dublin.

j-h-c 30 minutes $4.00

WINGS TO ITALY (PAA, Color)

Points of interest to the tourist in Italy are seen as a young couple reminisce about their vacation trip. Includes Rome, Vesuvius, Pompeii, Capri, Pisa, Siena, Florence, the Dolomites and Venice.

i-j-h-c-a 30 minutes $4.00

WINGS TO MEXICO AND GUATEMALA (PAA, Color)

This is an airborne travelog concerning the city and country life of Mexico and Guatemala. It shows Mexican landscapes and architecture, both modern and ancient, with scenes of colorful Mexican festivities and sports. In Guatemala, there are scenes of the singular beauty of Indian life to be seen.

general 30 minutes $4.00

WINGS TO NEW YORK (PAA, Color)

A motion picture tour, in brilliant technicolor, of the points of interest of America's largest City. We see the statue of Liberty, the huge buildings of downtown Manhattan, Rockefeller Center, and Central Park. The aspect of the city not as an amusement place, but a place where much of the commerce and industry of the United States is carried on, is emphasized.

j-h-c-a 30 minutes $4.00

WINGS TO THE WORD (CAA)

Protestant mission boards' use of the airplane to reach the needy illiterate of hinterland Latin America. Depicts actual experience of Rogers Perkins who plays his real life role in contacting the jungle people of Brazil by air.

j-h-c-a 27 minutes Handling charge, $1.00

WINGS TO VIKINGLAND (PAA, Color)

A trip by air to the land of the Vikings — to Norway, Sweden, and Denmark. We see the magnificent scenery and historic landmarks of the Northland and get a glimpse of the wild, free life of the Lapps of northern Sweden.

general 30 minutes $4.00

WINGS UP (OWI)

The story of the 12 weeks of discipline, concentrated study, and hard work leading to graduation from Officers' Candidate School of the U. S. Army Air Forces with the rank of second lieutenant is shown in this picture, narrated by Capt. Clark Gable.

h-c 22 minutes $2.65

WINKY THE WATCHMAN (COF, Color)

An animated film on the care of the teeth. The characters are: Winky — each and everyone; Great White Wall — each and everyone's teeth; Bad 'Uns — disease and decay; Good 'Uns — your dentist.

p-i 10 minutes $2.70

WINNING OUR INDEPENDENCE
(TFC, Restricted to Classroom Use)

Adapted from "The Howards of Virginia," this film concerns Matthew Howard who personifies the hardy colonials who have hewn their homes and fortunes out of the wilderness and resent the imposition of unjust taxes by the Mother Country. As a member of the Virginia House of Burgesses, he sides with the others who protest the Stamp Act and the subsequent Declaratory Act. When the House of Burgesses is dissolved by the Royal Governor, Howard becomes a member of the Committee of Correspondence and serves that body until the Revolutionary War breaks out. Then he leaves his family to fight until Independence is won.

j-h-c 34 minutes $4.10

WINNING YOUR WINGS (OWI)

James Stewart as commentator discusses the advantages and opportunities in the U.S. Army Air Corps. He discusses in detail the qualifications required for applicants and the routine of training and technical education through which these applicants accepted for service in the air corps must go. The functions of various members of plane crews are outlined with special emphasis upon the element of team work, the formula for victorious operation by our armed forces.

j-h-c 11 minutes $1.50

WINTER CARNIVAL (NFBC, Color)

Breath-taking thrills on the ski trail, spectacular ice carnivals, sleigh rides and dog derbies are a few of the highlights of a Canadian winter holiday.

general 11 minutes Handling charge, $1.50

WINTER IS AN ADVENTURE (C, B&W or Color)

Snow frosting all out-of-doors, close views of winter animals, and the joy of a city boy exploring the farm all add to the enchantment of the winter. We see Scotty as he observes the changes in nature and we observe with him the adaptations of the animals to the cold of the winter snow and ice. Uses expressions which are keys to many of the expressions used in stories about winter.

p-i 10 minutes B&W $1.50, Color $2.70

WINTER ON THE FARM (EB, Color)

Portrays the adaptation of plants and animals to the winter's cold. We follow Joan and Jerry as they observe animal tracks in the snow, the animals which made the tracks, birds at their feeding station, and farm animals in the barn. Especially enjoyable is the children's trip to the woods to cut a Christmas tree.

p-i 10 minutes $2.70

WINTER SPORTS: CRYSTAL FLYERS (RKO)

Skiing with the Swedish Ski Patrol.

h-c-a 15 minutes $2.65

WINTER SPORTS: ICE CUTTERS (RKO)

Ice Hockey demonstrated by the Varsity at McGill University.

h-c-a 15 minutes $2.65

WINTER SPORTS: ICE SKIPPERS (RKO)

Ice boating at Lake Winnebago in Wisconsin.

h-c-a 15 minutes $2.65

WINTER SPORTS: PARALLEL SKIING (RKO)

Skiing in Quebec's Laurentian Mountains.

h-c-a 15 minutes $2.65

WINTER SPORTS: SKATING LADY (RKO)

Gretchen Merrill, women's champion skater, shows what it takes to become a figure skating champion.

h-c-a 15 minutes $2.65

WINTER SPORTS: SKI BELLES (RKO)

Water skiing at Cypress Gardens in Florida.

h-c-a 15 minutes $2.65

WINTER SPORTS: SKI CHAMPION (RKO)

Rudolf Rominger, three time world champion, gives a breath-taking demonstration.

h-c-a 15 minutes $2.65

WINTER SPORTS: SKI CHASE (RKO)

A group of skiing champions against the beautiful background of the Utah mountains.

h-c-a 15 minutes $2.65

WINTER SPORTS: SKI GULLS (RKO)

America's top skiers display their form.

h-c-a 15 minutes $2.65

WINTER SPORTS: SKI HOLIDAY (RKO)

Skiing in the Swiss Alps.

h-c-a 15 minutes $2.65

WINTER SPORTS: SKI MASTER (RKO)

Hannes Schneider and his students ski in New Hampshire.

h-c-a 15 minutes $2.65

WINTER SPORTS: SKI TRAILS (RKO)

The Army Ski Troops plus men and women champions.

h-c-a 15 minutes $2.65

WINTER SPORTS: SNOW EAGLES (RKO)

Championship skiing at Sun Valley.

h-c-a 15 minutes $2.65

WINTER SPORTS: SNOW FUN (RKO)

Skating, ski-joring and tobogganing at Lake Placid.

h-c-a 15 minutes $2.65

WINTER SPORTS: WINTER PLAYGROUND (RKO)

Winter sports in Quebec.

h-c-a 15 minutes $2.65

WINTER SPORTS: WINTER SETTING (RKO)

Winter sports at Sun Valley.

h-c-a 15 minutes $2.65

WISE BUYING (C)

Relation of your needs to your budget is emphasized. Four "better buying" questions are offered here for audiences to ask themselves when shopping. Some of the important factors like seasonal changes, quantity purchases and product labels are discussed and the effects of wise buying — more, better, and needed goods for less — pointing out that one can raise his standard of living if he plans the spending of his money, and buys wisely.

j-h-c-a 11 minutes $1.50

WITH CARE (JH)

Shows why the truck driver is the most safety conscious driver on the road.

h-c-a 10 minutes $1.85

WONDER ENGINE OF THE BODY (B)

Explains the anatomy, physiology and proper care of the human heart.

j-h-c-a 10 minutes $1.85

WONDER JET (CAA)

The story of the development of the jet engine told against a pleasing and chronological background. Interesting highlights on the man who invented it are shown and also how today the product of this man's genius has given birth to a new industry which forebodes well for the economic future of England. The principles of operation of the jet engine are briefly discussed and reference made to its future potential as the motive power for trains and boats. Its application to military and commercial aircraft are well illustrated.

i-j-h-c-a 20 minutes Handling charge, $1.00

WONDER OF CHEMISTRY (YA)

This film is designed for use in the middle and upper elementary grades as an introduction to the science of chemistry. Produced under expert supervision, the film uses live photography, models and animation to explain what chemistry is and to prepare the student for the understanding of important terms such as: element, compound, and chemical change.

i-j-h 11 minutes $1.85

WONDERFUL LIFE, A (BFC)

Tells the revelation to Mary Wood of the essence of her father's wonderful life although to outward appearances, it was not unusual.

j-h-c-a 44 minutes $10.00

WONDER-HAND OF GOD (PPRO, Color)

Presents glimpses of beautiful features of national parks and western wonderlands against a background of descriptive narration and music, stressing the creative power of God in the wonders of nature.

j-h-c-a 12 minutes $3.00

WONDERS IN THE DESERT (CW, Color)

A girl and her younger brother take a walk in the desert where they discover an adult and a baby jack rabbit, a wild female burro and her young one, a lizard, a horned lizard, a chuckwalla, a pocket mouse and a desert tortoise.

p-i 10 minutes $3.00

WONDERS IN WOOD (AL)

Illustrates wooden animals, human figures and their surroundings — created by men of infinite skill, patience and craftsmanship. A sequence shows a solid block of wood on a lathe turned into a score of wooden horses in a matter of minutes.

i-j-h-c-a 10 minutes $1.85

WONDERS IN YOUR OWN BACKYARD (CW, Color)

Presents a boy and girl in their own backyard finding an earthworm, a millepede, a pillbug and some other insects. It clearly presents the general features of the animals, their habitats, and shows how they might be found in any backyard.

p-i-j 10 minutes $3.00

WONDERS OF PLANT GROWTH (CW, Color)

A girl and her younger brother experiment with plants. They grow plants from a bean and a squash seed, the stem of a geranium, the leaf of a succulent and the root of a sweet potato plant. Growth is shown in time lapse photography.

p-i-j 10 minutes $3.00

WONDERS OF THE SEA (TFC, Restricted to Classroom Use)

A description of the marine wonderland of the Great Barrier Reef in Australia is given. Giant forms of sea life to be found in that part of the world, such as the stingray, feathered starfish and octopus, are shown. There are shots of a deep-sea diver exploring the ocean bottom in a special diving bell equipped with a camera. Some incidents in life at the bottom of the sea are also shown.

j-h-c 10 minutes $1.85

WOOD, CLAY, AND FINE ARTS (PF, Color)

Shows the primitive and modern methods of producing wooden and clay ware. Ends with scenes of Diego Rivera at work on a mural.

h-c-a 10 minutes $3.00

WOOD THRUSH (HNP, Color)

Clear natural thrush songs, nesting, hatching, care and feeding of the young, make this an unusual film for nature study and elementary science.

p-i-j 10 minutes $2.70

WOODCUTTER'S WILLFUL WIFE (UC)

A fairy tale of a woodcutter and his ambitious wife who ask too much of a magic tree and are eventually returned to poverty.

p-i 20 minutes $2.65

WOODEN FACES OF TOTONICAPAN (OIAA)

Shows the Guatemalan fiestas, including the breathtaking climax of Chichicastenango's famous eight-day celebration.

i-j-h-c 11 minutes $1.85

WOOD-WIND CHOIR, THE (EB)

The film begins with the third movement of Brahms' First Symphony and ends with the Scherzo from Mendelssohn's Midsummer Night's Dream music, each of these compositions being well suited for displaying the wood-wind instruments. The body of the film is taken up by demonstrations of the individual tone quality of the various instruments and gives pupils opportunity for studying playing techniques. Compositions interpreted in the film to illustrate the use of the wood-wind instruments include excerpts from Rossini's "William Tell" overture, Von Weber's overture "Der Freischutz," Beethoven's Third Symphony, Schumann's piano concerto, and the Second Movement of Brahms' Fourth Symphony. (See BRASS CHOIR, PERCUSSION GROUP, STRING CHOIR, SYMPHONY ORCHESTRA.)

i-j-h-c 11 minutes $1.50

WOODWORKER (VGF)

The film points out that the many phases of the building industry employ thousands of men who work with wood. Furniture, mill work, and pattern making establishments employ woodworking craftsmen in large numbers.

Shows carpenters erecting scaffold, setting forms for concrete foundations and walls. Men are shown constructing a house from foundation through to the flooring and finishing. Mill working operations are portrayed, such as sash and door, stair building, and cabinet assembly. Small cabinet shops offer another field. Work in veneer and furniture factories is outlined. In the woodworking field one can hope to be a foreman, a contractor or to own a shop. The picture closes with scenes of a student working in the school woodworking class and a summary of how mechanical drawing, mathematics, and sciences will help the student to better prepare himself for the woodworking field.

j-h-c 11 minutes $1.85

WOODWORKING (EB)

Describes the importance of woodworking and suggests its values as a hobby. Pictures the step-by-step construction of a beginning project, and illustrates basic woodworking tools and shows how they are used.

j-h-c-a 10 minutes $1.85

WOODY DINES OUT (UW, Color)

Woody thinks taxidermist's store is a restaurant and demands menu. Cat owns store and can get $100,000 for a stuffed woodpecker. Tries to dope Woody but the bird is no dope. Takes eight of cat's nine lives in riotous finale.

general 11 minutes $2.70

WOODY PLAYS SANTA CLAUS (UW)

It takes Santa Claus to get a free meal at Wally Walrus's lodge — so Woody disguises himself as Santa Claus.

general 8 minutes $2.50
(one day only)

WOOL (EB)

Tells the complete story of wool from sheep on a Wyoming range through the final knitting of worsted yarn into sweaters.

p-i 11 minutes $1.50

WOOL, FROM FLEECE TO FABRIC (DL)

Is the story of wool from the backs of sheep to the backs of men. It goes from sheep and shepherds on the high plateaus of the West and rolling hills of the South to the smart shops of the East. En route are seen sequences on shearing, unique methods of packing wool in bags, transportation of these bags by truck, train, and boat to the marketing centers, sampling and appraising the wool in these centers, and the processes through which wool goes on its way to the ultimate consumer.

j-h-c 30 minutes $3.70

WORDS OF COURTESY (YA)

Dramatizations show why and when it is important to use the common words of courtesy. Emphasizes that an attitude of thinking of others is at the root of all courtesy.

i-j 10 minutes $1.85

WORDSWORTH COUNTRY (UW)

Depicts the English Lake district as a background for the study of the poems of William Wordsworth.

h-c-a 18 minutes $2.65

WORK OF RIVERS (EB)

Presents dramatically, yet simply, the erosion cycle of water on the earth's surface. The main story is introduced with a brief portrayal of the water cycle in nature. The main story is integrated by motion pictures, specially taken for the picture, presenting examples from many parts of the country. Models and animated drawings are employed to explain such special features as Niagara Falls, deltas, meanders, oxbow lakes, rejuvenated rivers, lakes, water gaps, and sand bars.

j-h-c 11 minutes $1.50

WORK OF RUNNING WATER (EB)

Displays and analyzes the activities of the most effective agent of erosion — running water. Models and scenes from all parts of the world show how running water wears away the land. Many picturesque results of erosion are analyzed. To illustrate stream deposits there is included an unusually complete sequence on the formation of deltas and flood plains. This is splendidly illustrated by sand table models and aerial scenes of the Mississippi bottom lands.

j-h-c 11 minutes $1.50

WORK OF THE ATMOSPHERE (EB)

Reveals the numerous ways in which the atmosphere plays a part in altering the earth's surface. The film shows how temperature variations and winds disintegrate rocks. The movement of sand, loess, dust, and volcanic dust over great distances on the earth's surface is dramatically visualized. Then follows an explanation of the formation of soil and its significance.

h-c 11 minutes $1.50

WORK OF THE KIDNEYS (EB)

Animated drawings, together with laboratory demonstrations, describe the renal system, the formation of urine, regulation of blood composition, and the functioning of the bladder. Relation of blood pressure to urine flow, and rate of secretion as affected by sugar, water and temperature, are given particular consideration. The film concludes with an analogy between kidney function and the action of a gyroscope.

j-h-c 11 minutes $1.50

WORK OF THE STOCK EXCHANGE (C)

Shows how land, labor, management, and money work together in producing the commodities which are the basis for economic life of America. The growth of a small business is followed from the start as a partnership of three men to the formation of a corporation whose securities are listed by the Stock Exchange. The film shows not only the detailed operation of the Stock Exchange but gives a background of information about the part which the Stock Exchange plays in our entire economic structure.

h-c 16 minutes $2.65

WORKERS OF MEXICO (PRP)

Indicates the jobs and earnings of Mexican people in industry, handicrafts, white-collar jobs and as government employees. Depicts their purchasing power in city department stores and super markets, and in the public markets in rural areas.

i-j 11 minutes $1.85

WORKING SAFELY IN THE SHOP (C)

Presents the three essentials of shop safety: how to keep a shop safe for work, how to dress for safety when working in a shop, and safe practices in the operation of the following tools: the grinder, circular saw, band saw, drill press, jointer, and the disk sander.

j-h 10 minutes $1.50

WORKING THROUGH COLLEGE (UW)

Assistance provided a college student in finding a job to help meet expenses and provide practical work experience.

h-c-a 20 minutes $3.00

WORKING TOGETHER (EB)

A dramatic and authentic case history of labor-management cooperation in an American industrial plant. Portrays vividly how workers and management learned from hard experience that working together pays. Clearly defines tensions and difficulties between the company "local" and management, pointing out without bias the grievances of both. Drives home the fact that thoughtful men on both sides of the industrial fence can work for and gradually obtain mutual understanding.

h-c-a 22 minutes $2.65

WORKING WITH OTHER SUPERVISORS (USOE)

Several supervisors discuss Larry, one of their colleagues, who has been unable to work harmoniously with them. The question is raised — What can be done about Larry?

h-c 8 minutes $1.85

WORKING WITH WINGS (CAA)

The various activities performed at TWA's overhaul base at Kansas City are depicted in this film which shows a Constellation being put through TWA's "Operation 7," a task involving 4500 man-hours of work.

i-j-h 11 minutes Handling charge, $1.00

WORLD AFFAIRS ARE YOUR AFFAIRS (EB)

Illustrates the Council's services and educational activities designed to help citizens achieve understanding of problems arising between the U. S. and the rest of the world. Provides suggestions for establishing similar councils in communities.

h-c-a 27 minutes $3.70

WORLD AT WAR, THE (OWI)

Gives a graphic history of the years 1931-1941 — from the Japanese invasion of Manchuria in 1931 to the bombing of Pearl Harbor ten years later. The pattern of aggression in China, Ethiopia, Spain, Poland, Belgium, Holland, and France is shown.

j-h-c 44 minutes $4.45

WORLD BALANCE OF POWER (EB)

Discusses the principle of world balance of power as the foundation of national independence and international peace in the modern world. Suggests that in the present international crisis new aggressions and wars can be prevented by the adherence of nations to the balance of power principle.

h-c-a 20 minutes $2.65

WORLD COUNCIL OF CHURCHES — AMSTERDAM 1948 (UW)

Pictures the activities of the First Assembly of the World Council of Churches held from August 22 to September 4, 1948, attended by delegates of 138 religious bodies and 40 countries.

h-c-a 22 minutes $3.50

WORLD IN A SCHOOLROOM (UW)

Citizens of Manhasset, Long Island, N.Y., give demonstrations of their various skills in the schoolroom, so that students may learn just what goes into the various tasks that the community performs. The film shows a practical application of the principle of integrating the school with community life.

h-c-a 17 minutes $3.00

WORLD OF LITTLE THINGS (EF)

Shows a whole new world of enormous littleness. This microscopic world is shown to consist of a vast variety of plants and animals — living together and establishing a delicate balance of life.

j-h-c 15 minutes $3.00

WORLD OF PLENTY (BIS)

Food — its production, distribution and consumption is the subject of this film. The central theme that food is man's security is developed by means of graphic pictures, diagrams, and argument. Prewar problems of overproduction, glutted markets, and hungry people are shown at the film's beginning.

j-h-c 45 minutes $3.85

WORLD OF WATER (McGH, Color)

Introduces a number of tropical fish — outstanding for their oddity, beauty, or their spectacular quality — that live in the aquarium of the Bronx Zoo. Each is named and described briefly as to characteristics and native habitat.

j-h-c-a 10 minutes $3.00

WORLD SERIES, 1946 (IHSA)

Glimpses of the all-star game between the American and National League and of the World Series between the Boston Red Sox and the St. Louis Cardinals. (IHSA members only)

general 30 minutes Handling charge, $2.00

WORLD SERIES, 1947 (IHSA)

Show the actions and the highlights of the series. Gives complete coverage of the games.

general 40 minutes Handling charge, $2.00

WORLD SERIES OF 1948 (IHSA)

Shows the highlights of the World Series between the Cleveland Indians and the Boston Braves.

general 40 minutes Handling charge, $2.00

WORLD SERIES OF 1949 (IHSA)

The Yankees trip the Dodgers, four games to one, to take the 1949 World's Series. Allie Reynolds and Preacher Roe trade 1-0 shutouts in the first two games, and the Yankees take the next three in a row to clinch an exciting series.

j-h-c-a 40 minutes Handling charge, $2.00

WORLD SERIES OF 1950 (ISHA)

Shows the highlights of the games between the New York Yankees and the Philadelphia Phillies.

j-h-c-a 30 minutes $2.00

WORLD SERIES OF 1951 (ISHA)

Pictures the highlights of the games between the New York Yankees and the New York Giants.

j-h-c-a 35 minutes $2.00

WORLD SERIES OF 1952 (ISHA)

The highlights of the games between the New York Yankees and the Brooklyn Dodgers.

j-h-c-a 35 minutes $2.00

WORLD TRADE FOR BETTER LIVING (EB)

Illustrates how the exchange of goods and services between countries of the world is essential for a higher standard of living in every country. Describes major features of international trade; indicates conditions which have led to the growth of restrictions on trade; discusses solutions for major trade problems.

j-h-a 16 minutes $2.25

WORLD WE LIVE IN, THE (KB)

A close-up study of our earth as one of the planets is presented, and many interesting and startling facts about our earth are shown as well as the divisions into hemispheres, etc. There are illustrated animated drawings.

j-h-c 11 minutes $1.85

WORLD WITHOUT END (BRF)

Portrays work done in Mexico and Thailand by UNESCO's agricultural, educational, and medical programs in which they use the world's knowledge to help the underprivileged and undeveloped areas of the world.

j-h-c-a 45 minutes $7.50

WRENCHES (USOE)

Different kinds and how to use them.

j-h-c 20 minutes $2.65

WRESTLING: MAT MEN (RKO)

Lehigh University's famous wrestling coach, Billy Sheridan, putting his men through a routine of training.

h-c-a 15 minutes $3.00

WRESTLING FUNDAMENTALS AND TECHNIQUES: PART 1 (UMI)

Takedown and counters.

h-c 12 minutes $3.00

A photographic study of the points to be observed in this phase of wrestling.

WRESTLING FUNDAMENTALS AND TECHNIQUES: PART 2 (UMI)

Escapes and reversals.

h-c 22 minutes $3.00

Points out the "How To" of Escapes and Reversals.

WRESTLING FUNDAMENTALS AND TECHNIQUES: PART 3

Rides and Pin Holds.

h-c 12 minutes $3.00

Studies the fundamentals of rides and pin holds in amateur wrestling.

WRITING BETTER BUSINESS LETTERS (C)

Jim is fortunate in having a friend like Eddie at hand to show him how his poor business letter might spoil their vacation plans. In an entertaining presentation this film emphasizes the three principal characteristics of a good business letter: clarity, brevity, and courtesy.

j-h 10 minutes $1.50

WRITING BETTER SOCIAL LETTERS (C)

Writing letters for many people is a chore, an effort to be put off and finally done — unsatisfactorily. This film shows that good letters can be written easily and naturally, and makes a pleasant occupation out of what was once an unpleasant task. Simple principles of letter writing which will help students write better social letters with less effort are effectively demonstrated.

j-h-a 11 minutes $1.50

WRITING THROUGH THE AGES (EB)

Presents a chronological history of writing as a means of communication. Shows how writing evolved from pictures and signs and illustrates that local materials used as writing tools influenced the methods of sign writing and making. Depicts significant features of early Chinese, Mesopotamian, and Egyptian writings. Stresses contributions of Phoenicians, Greeks, and Romans.

i-j 11 minutes $1.50

WRONG WAY BUTCH (TFC, **Restricted to Classroom Use**)

A Pete Smith Specialty in which Dave O'Brien plays the part of a mechanic who disregards all the safety rules and demonstrates the near-fatal mishaps that can result in shops and factories.

h-c-a 10 minutes $1.85

WRONG WAY OUT (TFC, **Restricted to Classroom Use**)

A dramatic presentation of what happens when two young lovers go against their parents advice and go to the big city to earn their living. They spend all their money, so they begin working in a night club and coming to money unlawfully, and eventually in an attempt to escape the police the boy is shot.

h-c-a 18 minutes $3.00

WYOMING (INF, **Color**)

The oil fields and vast expanses of timber, plains and grasslands. Also the most important cities, including Casper, the second largest city and the center of the state's great oil industry. Also includes Yellowstone National Park.

i-j-h-c-a 10 minutes $3.00

WYOMING AND ITS NATURAL RESOURCES (USBM, Color)

A beautiful color film showing the natural wonders of several of America's recreation areas: Jackson's Hole Country, Rocky Mountain and Yellowstone National Parks. Important industries of Wyoming are also shown.

general 33 minutes Handling charge, $1.50

YANKS ARE COMING, THE (TFC, Restricted to Classroom Use)

The Yanks Are Coming is a picture of America under the influence of wartime emotions.

Composed, for the most part, of newreel shots taken from 1917 to 1919, it opens with the Lusitania sailing from the harbor. Then we see newspaper headlines announcing the declaration of war. Troops are shown boarding ships. Ships, being loaded with war supplies in this country, are unloaded in France. Citizens parade, sell liberty bonds. There are war posters everywhere. We see ships being built; ammunition factories are humming. There are scenes also of fighting on the western front.

Finally, the armistice is celebrated. The peace conference, with pictures of Lloyd George, Clemenceau, and Woodrow Wilson, is seen. American troops are returning home.

The musical background includes a chorus singing popular songs of the period.

general 11 minutes $1.85

YANKS BOMB TOKYO (UW)

In this film we see the detailed preparations which were made by Major Doolittle and his men prior to the historic raid on Tokyo. These scenes were taken aboard the United States aircraft carrier, the Wasp — "Shangri-La." The take-off of the heavy bombers is likewise shown. Animated diagrams indicate the path of the flyers.

j-h-c 11 minutes $1.85

YARN AND CLOTH CONSTRUCTION (C)

Shows a great many of the progressive stages of converting raw fibers into completed fabrics. Magnification is used throughout the film to clearly show students differences in fabrics and in weaves. (For other titles in this series see BASIC FIBERS IN CLOTH.)

j-h-c 11 minutes $1.85

YEAR IN AMERICA, A (UW)

Experiences of a Japanese exchange student during a year's enrollment at an American University.

h-c-a 30 minutes $3.70

YEHUDI MENUHIN — VIOLINIST (Reel 9) (OF)

Yehudi Menuhin plays Sonata #1, D Major, Opus 12 by Beethoven, and Perpetual Motion by Paganini.

h-c-a 10 minutes $1.85

YELLOW JACK (MGM)

Presents the work of Major Walter Reed with the Yellow Fever Commission and the heroism of the volunteers for his experimentation. Shows the problems which confronted Major Reed in conquering the dreaded "yellow jack," and the experiment by which he proved that the disease was carried by the stegomyia mosquito.

i-j-h 29 minutes $3.70

YELLOWSTONE (OTT, Color)

Scenes in Yellowstone National Park including Yellowstone Falls, Morning Glory Pool, Dragon's Mouth Cave and other scenic points in the park.

j-h-c-a 10 minutes $3.00

YELLOWSTONE, AND THE GRAND TETONS (PHP, Color)

Emphasizes the recreational facilities as well as natural wonders and wild life of the parks, with aerial views of the geysers in action.

i-j-h-a 22 minutes $4.25

YESTERDAY AND TODAY (IH)

Demonstrated in this film are the old and new ways of farming. Many of the modern methods are contrasted to the old slow methods used by our grandfathers. The cornpicker, combine, baler, and plow are some of the machines described in detail.

j-h-c 10 minutes Handling charge, $1.00

YESTERDAY IS OVER YOUR SHOULDER (BIS)

Mr. Anyman, a British citizen with a job of little importance to the war effort, enrolls in an intensive training program and becomes a skilled worker.

a 9 minutes $1.50

YOSEMITE (EB, Color)

Pictures El Capitan, Half Dome, Yosemite Falls, the sequoias and plants of the national park. Describes the various stages in the development of the valley.

j-h-a 18 minutes $4.25

YOU AND THE ATOMIC BOMB (BEF)

A graphic presentation of the great problem of today and how civilian defense works in meeting it.

i-h 10 minutes $1.85

YOU AND YOUR ATTITUDES (ASF)

The Barrett family gathers around the dinner table to discuss "social attitudes" — money and allowances, foreign groups, the new girl on the block, and the prejudices which create unintelligent attitudes.

h 10 minutes $1.85

YOU AND YOUR BICYCLE (PRP)

Covers all phases of bicycle safety, including maintenance. Shows the necessity for alertness; correct arm signals; types of intersections and what to watch for; varying road surfaces; where and how to park; hazards to watch for while riding; riding at night; how to carry bundles; etc. A portion of the film shows unsafe practices to avoid and what will happen if they are followed. In this group are shown hitching rides, stunting, riding double, passing cars on the wrong side, etc.

i-j-h-a 11 minutes $1.85

YOU AND YOUR FAMILY (ASF)

Designed to help audiences discuss the problems of how young people and their parents should act toward one another in the everyday business of living together, this film shows typical family problems and invites the observer to join in the discussion to follow the showing of the film.

h-c 11 minutes $1.85

YOU AND YOUR FRIENDS (ASF)

Is a participation film showing a teen-age party. The audience is asked to listen to the dialogue and watch the action on the screen carefully in order to evaluate different types of behavior.

h-c 11 minutes $1.85

YOU AND YOUR JOB (UW)

Portrays the importance of trained, responsible men in the production of safe pasteurized milk and the extent of milk-borne disease and how it is spread.

h-c-a 10 minutes $1.85

YOU AND YOUR PARENTS (C)

The issue of parental authority is one that touches every home where there are growing children. So this film becomes especially important to parents, youth counselors, and social leaders as well as teachers. The process of "growing away" from the family is described as a natural and normal one in this film. But audiences see how it can lead to difficulties in the home if both parents and children do not take the time to understand each other's problems. The film points out that greater freedom and responsibility are given to children on the basis of real maturity, not just physical age.

i-j-h-a 15 minutes $2.25

YOU AND YOUR TIME (ASF)

Presents teen-agers with the problem of how to make the best use of one's time. Same questions or situation format as in other art of living subjects.

j-h 11 minutes $1.85

YOU AND YOUR WORK (C)

Being satisfied and happy in one's work, the right attitude and approach to a job, achieving personal adjustment — these are basic problems which the vocational guidance worker must help others solve. This is the story of Judd Taylor, his failure in a good job, and of his ultimate rehabilitation and success.

h-c 10 minutes $1.50

YOU BET YOUR LIFE (PRP)

Designed to teach standard driving practices as approved by the uniform vehicle code, including road signs, markings and proper signaling.

j-h-a 11 minutes $1.85

YOU CAN BEAT THE A-BOMB (RKO)

Shows that your chances of surviving the A-bomb attacks are better than you think. You are not helpless, but you may have only 3 seconds to act. Stresses preventive measures to be taken — types of bomb shelters, building safety, first aid for victims, and how to dispose of contaminated food and clothing.

h-c-a 20 minutes $2.85

YOU CAN CHANGE THE WORLD (CH)

Presents the story of the Christopher movement and how every person can help to "change the world" by participating in crucial occupations and by doing his part to help others.

h-c-a 30 minutes $3.70

YOU CAN LICK TB (UW)

The dramatized story of a typical tuberculosis patient in a Veterans Administration hospital. Stresses the importance of rest, readjustment to a less strenuous life, and taking an interest in the VA rehabilitation program in order to become fitted for work within one's physical capacities.

h-c-a 18 minutes $2.85

YOU CAN MAKE A MILLION (McGH)

Shows the budding inventor the steps for taking out a patent to protect and help merchandise his "brain child." The bobby pin, the paper clip, the zipper, the bottle cap are some of the simple devices which have earned fortunes for their inventors. Toys, too, are great money-makers. Such simple playthings as the kiddy car, the diaper doll and the metal construction set have brought in millions.

j-h-a 17 minutes $3.00

YOU CAN TAKE IT WITH YOU (NSC)

Shows how a worker can avoid accidents in the home involving housekeeping, ladders, electricity, lifting, and home repairs.

a 13 minutes $2.65

YOU CAN WIN ELECTIONS (CIO)

Shows how to organize a precinct to win an election.

c-a 20 minutes $3.35

YOU CAN'T RUN AWAY
(TFC, Restricted to Classroom Use)

An excerpt from Faulkner's "Intruder in the Dust" — a boy's fight to win justice for a negro friend.

general 30 minutes $3.70

YOU CAN'T WIN (UNF)

Dramatizes a sermon by Dr. Bob Jones, Sr.

a 40 minutes $4.45

YOU, THE PEOPLE
(TFC, Restricted to Classroom Use)

This dramatic short features the operations of a corrupt city political machine. Methods of coercing campaign contributions, stuffing ballot boxes and persuading citizens that voting is of no use are effectively portrayed. This picture successfully implies that the cast might be any Mr. and Mrs. Citizen. The moral is effective. Well organized, directed, and photographed.

h-c 22 minutes $2.85

YOU'LL TAKE THE HIGH ROAD (NFBC, Color)

The film takes a sight-seeing tour of the Canadian Rockies via the new Banff-Jasper national highway through the scenic beauty of Canadian natural wonders. Along the 186 miles of roadway, such sights as the Valley of the Crooked Trees, The Columbian Ice Fields, and mountain lakes point out the grandeur of the region. Wildlife abounds in a very docile state, unperturbed by the presence of man. Some of the scenes taken are truly of breath-taking beauty.

general 12 minutes Handling charge, $1.00

YOUNG MOTHER HUBBARD (AVF, Color)

A new version of the film FOUNDATION FOODS. The two films are alike in many respects, but YOUNG MOTHER HUBBARD is intended, mainly, for the primary and lower elementary grades. In YOUNG MOTHER HUBBARD the simplified food groupings replace the "Basic Seven" chart used in FOUNDATION FOODS.

p-i 10 minutes $2.70

YOUNG URUGUAY (OIAA)

Uruguay has a low rate of illiteracy. The reason is set forth in Julien Bryan's film describing the educational system of that country. The excellent system including rural schools, universities and colleges is described in detail. The people's recreation, sports and amusements are shown in their relationship to the educational program.

j-c 20 minutes $2.65

YOUNGER GENERATION (McGH, Color)

Shows the feeding habits, care of the young, and antics of the "baby" animals in the Bronx Zoo.

j-h-c-a 10 minutes $3.00

YOUR CHILD IS A GENIUS (RO, Color)

Emphasizes the fact that the gift for creative art exists in all children. Shows children painting in a classroom and out-of-doors.

h-c-a 20 minutes $4.25

YOUR CHILDREN AND YOU (BIS)

This subject concerns the care of young children from the first months to the age of four or five. It realistically portrays the struggles of average imperfect parents and average imperfect children. Although the film is mainly a counsel of perfection, the suggestions are practical and parents could adopt them all without growing wings.

general 31 minutes $3.70

YOUR CHILDREN'S EARS (BIS)

Few people are born deaf, and all too frequently loss of hearing in later life is due to carelessness and ignorance. In this film, the physiology of the ear is explained in detail by animated diagrams. Often children who appear dull and unresponsive are suffering from hearing difficulties, which can easily be cleared up if given proper medical attention.

general 15 minutes $3.00

YOUR CHILDREN'S EYES (BIS)

Rest, recreation, and good food are necessary to healthy eyesight. Medical advice must be sought in cases of organic defects or diseases, but the application of logical common sense in daily life will keep a healthy eye healthy. Amusing animated diagrams depict the physiology and care of the eye.

general 20 minutes $3.00

YOUR CHILDREN'S MEALS (BIS)

This is a lively and imaginative attempt to make parents understand the rhyme and reason of good eating habits. In a series of incidents, the film makes points about many of the difficulties which occur three times a day. There are no ready-made solutions to every problem, but the film shows parents how they can see mealtime from the child's point of view as well as their own.

general 14 minutes $3.00

YOUR CHILDREN'S PLAY (McGH)

How children learn through play. Importance of constructive and intelligent parent attitude towards children's play.

c-a 21 minutes $3.00

YOUR CHILDREN'S SLEEP (BIS)

In their everyday lives, children have their own particular problems to overcome. Insignificant to an adult, to a child they are important and even frightening.

They can cause sleeplessness or nightmares. This film stresses the importance of sound, healthy sleep, and advises parents on the ways in which they can ensure it for their children.

general 23 minutes $3.25

YOUR CHILDREN'S TEETH (BIS)

The film explains the structure of first and second teeth. The child should be given a well-balanced diet and taught the proper method of brushing the teeth. Decay should be attended to at once, for in its advanced stages it may poison the whole system.

general 14 minutes $3.00

YOUR CLEANLINESS (YA)

Pictures a lesson on health habits as they apply to personal cleanliness.

i-j 10 minutes $1.85

YOUR CLOTHING (YA)

Illustrates and explains the importance, function, proper selection, and proper care of personal clothing.

i-j 10 minutes $1.85

YOUR DOCTOR (McGH)

Surveys the various kinds of work done by doctors and features the practice of George Bond.

j-h-c-a 18 minutes $2.85

YOUR DRIVING HABITS (UW)

The elements of good driving are shown: how to start the engine; how to shift gears and use the clutch; how to use brakes; how to drive on curves, pavements, and in mountainous country; how to drive through ice, snow, water, and mud; and how to park a car.

h-c-a 15 minutes $2.85

YOUR EARNING POWER (C)

The amount of money you are able to earn when you take a job depends on several factors — economic conditions, your preparation, personal factors about you, and the kind of work you do. The film shows how these factors affect earning power, and how time spent in school can help young people to develop factors which will increase their earning power.

j-h-c 10 minutes $1.50

YOUR EARS (YA)

Illustrates the construction of the human ear and the function of each of its parts. Discusses the manner in which certain diseases cause deafness and stresses the necessity for proper care of the ears.

j-h-a 10 minutes $1.85

YOUR ENEMY: GRASSHOPPER (USDA, Color)

The grasshopper is an enemy to agriculture in all parts of the nation. Examples of destruction resulting from grasshopper infestation of various regions of the nation are presented. The life cycle and conditions, both favorable and unfavorable to the survival of the grasshopper, are illustrated. The work of the USDA in combating and controlling grasshoppers is shown. Various scenes show a regional war being waged against grasshoppers and the methods for the individual rancher or farmer to use in the combat are suggested.

h-c-a 22 minutes $4.25

YOUR EYES (YA)

Animation and live photography are used to show the construction of the human eye and the function of each of its parts. Explains such maladjustments as farsightedness and nearsightedness, and their manner of correction. Stresses the importance of proper care of the eyes.

j-h-a 10 minutes $1.85

YOUR FAMILY (C)

The delightful story of a happy family, the Brents. They have difficulties, of course, but through mutual understanding and acceptance of responsibility, through cooperation, they have achieved that vital sense of unity so necessary to a happy, harmonious home life. This picture will develop an appreciation and understanding of the family as a social unit and the role of the individual in that unit.

p 10 minutes $1.50

YOUR FAMILY BUDGET (C)

Who makes up a family budget? How is a family budget operated? If well-planned and operated, does a family budget contribute to family well-being and happy relations? These and other important questions are answered in this film. The budget, methods of preparation, and values of budgets were carefully planned and checked.

j-h-c-a 11 minutes $1.50

YOUR FOOD (YA)

Shows the importance of correct diet for healthful living, told in a combination of live action and fantasy.

i-j 15 minutes $2.85

YOUR FRIEND, THE DOCTOR (C)

For the well-being of the school and for the healthy growth of the individual, primary grade youngsters should have certain medical attention and care. This film helps children understand some of the functions of the doctor in their lives and motivates them to "be friends" with their doctor. Through the experiences of a new boy in town who finds a new doctor, young audiences will come to understand just what the doctor does and why it is important for them to cooperate with him and help him.

p-a 10 minutes $1.50

YOUR FRIEND, THE FOREST (EB, Color)

One of a series of three films designed for use in primary and middle grades science units on conservation. Shows the forest as a home for birds and animals, and as a source of lumber for man, but points out that it cannot protect itself from its greatest enemy — fire.

p-i 6 minutes $1.85

YOUR FRIEND, THE SOIL (EB, Color)

Uses both animation and photography to present an appealing and graphic illustration of the importance of our natural resources. Shows that good soil, and the good food it produces, are part of each child's heritage.

p-i 6 minutes $1.85

YOUR FRIEND, THE WATER (EB, Color)

Sources and values of pure water are shown in striking contrast to the causes and wastefulness of water pollution; Both clean and dirty water are presented in terms that young children will appreciate.

p-i 6 minutes $1.85

YOUR GIANTS IN THE EARTH (PCC)

Story of the men and machines which mine coal in a modern mine. Describes the mining of coal from the time the miners enter the mine until the coal is delivered to its consumer. Shows modern safety devices in coal mining and the important use of coal in modern industry.

h-a 17 minutes Handling charge, $1.50

YOUR HAT, PLEASE (HFE, Color)

A cartoon.

p-i 10 minutes $2.00

YOUR HEALTH AT HOME (C)

Shows that personal cleanliness, proper rest and food habits and cheerful, friendly attitudes on the part of the family members all contribute to a healthy, happy home.

i-j 10 minutes $1.50

YOUR HEALTH AT SCHOOL (C)

Illustrates what the school does to provide a pleasant, clean and healthful atmosphere. Indicates that children can help by observing good personal health habits and by promptly reporting illnesses or injuries, to their teachers.

i-j 10 minutes $1.50

YOUR HEALTH DEPARTMENT (NMP)

Depicts the functioning of a modern health department and shows how it affects the lives of all.

c-a 20 minutes $2.85

YOUR HEALTH: DISEASE AND ITS CONTROL (C)

Shows how harmful microbes are carried and spread, how they enter the body and get beyond the body defenses to cause sickness. Encourages children to help control disease by protecting themselves from disease carriers, and by building up their body defenses.

i-j 10 minutes $1.50

YOUR HEALTH IN THE COMMUNITY (C)

Depicts the services of a public health department and other departments aimed at maintaining and improving the health of the community and suggests how the individual may cooperate in his community's health program.

i-j 10 minutes $1.50

YOUR MOVIE CAMERA AND HOW TO USE IT (HFE)

Humorous presentation designed to help the amateur enjoy his camera.

j-h-c-a 11 minutes $1.85

YOUR NATIONAL GALLERY (UW)

A motion picture tour through the National Gallery of Art at Washington, D.C. The camera looks at the priceless paintings, sculpture and tapestries, going down massive corridors, stopping before especially outstanding masterpieces, going in for a closer look, then proceeding on to new treasures. Rembrandt, Reubens, Renoir, Gainsborough, Romney, Reynolds, Van Dyke, Whistler, as well as some of America's own immortal originals are shown.

i-j-h-c-a 10 minutes $1.85

YOUR NEIGHBOR CELEBRATES (BFC)

Presents and interprets five Jewish holy day ceremonies — Rosh Hashana, Yom Kippur, Succoth, Passover, and Shevuoth.

h-a 28 minutes $4.00

YOUR PERMIT TO DRIVE (GM)

Film reawakens drivers to what their permit to drive really means — the right to share the road with fifty million other drivers, the responsibility to respect the rights of others by courteous sportsmanlike driving.

h-c-a 10 minutes $1.00

YOUR POLICE (RVP)

A series of events introduced by the Chief of Police of an average city covering the duties of the "rookie" policeman, activities to protect the home owner, breaking up rackets, accidents, lost children, distress, teenage trouble, molesters and shakedowns. A finale is included to raise the policeman to a place of importance and standing in the public's eye.

h-c-a 15 minutes $2.85

YOUR POSTAL SERVICE (MOT)

The inner workings of the U.S. Post Office including the hundreds of thousands of men and women who daily cope with the ever-increasing avalanche of mail. Behind all this are the postal inspectors who protect the privacy of our communications and safeguard the things of value while they are in the mail.

i-j-h 22 minutes $2.85

YOUR SOCIAL SECURITY (S.S.A.)

Explains the legislative history, provisions, and operation of the Social Security Act. Special attention is given to the fifteen million newly covered by the 1950 amendment. Also describes the work of field representatives, the bookkeeping and record operations at headquarters, and the service of agents in the five hundred local offices throughout the country.

a 19 minutes $2.85

YOUR TEETH (YA)

The growth and structure of teeth, how the baby teeth grow and are replaced by permanent teeth, the parts of a tooth, and the manner in which a tooth decays are all shown. The importance of proper food and proper care in building strong teeth and preventing tooth decay is stressed.

p-i-j 10 minutes $1.85

YOUR THRIFT HABITS (C)

Teaches students a lesson in thrift they should remember all their lives. After they've seen this film students will realize that by setting up a budget for systematic savings, by careful buying, doing without extravagances, and choosing between immediate and future satisfactions, they'll attain many material goals in life.

i-j-h 10 minutes $1.50

YOUR TICKET TO BETTER BUYING (WE)

Shows how an electric range operates and how the range is made and tested. Advises the viewer to look for informative labeling on all products bought.

h-c-a 20 minutes $1.00

YOUR VOICE (EB)

The four phases of voice production are explained: respiration, phonation, resonance and articulation. Real-life photography shows the vocal folds in operation. Exercises for the improvement of the voice are suggested.

h-c 11 minutes $1.50

YOU'RE THE DOCTOR (AHO)

Stresses the important role of the hospital in community life, and the various professional services available to patients in the hospital.

h-c-a 18 minutes $2.65

YOURS IS THE LAND (EB, Color)

Stresses the interdependence of the four great natural renewable resources: soil, water, forests and grasslands, and animal life. Portrays ways in which some of these resources came to be. Exposes the results of man's practice of taking too much from the earth in too short a time. Emphasizes the need for a system of orderly management of our natural resources.

h-c-a 22 minutes $4.25

YOURS TRULY, ED GRAHAM (ILI)

Presents the story of typical people and their problems — the search for personal and family security. Shows the role of the life insurance agent in his community. Suitable for school, church, and club showings.

general 25 minutes Handling charge, $1.00

YOUTH BUILDS A SYMPHONY (NMCM, Color)

The National Music Camp at Interlochen, Michigan, is the location of this film. The daily routine, a few of the many guest conductors, and organizational and sectional rehearsals are included. The recreational facilities and the beautiful grounds of the camp are pictured.

j-h-c 33 minutes $5.00

YOUTH TRAINS FOR AVIATION (CAA)

Shows how our air-minded youth, through their activities in building and flying model airplanes, are learning the fundamental principles of flight; how their eager, fertile brains are creating new types — new wings — even radio controlled planes; that here is the great reservoir from which will come the hundreds of thousands of designers, pilots, mechanics and aircraftsmen that will be needed for the protection of our country and the development of the vast opportunities of aviation's great future.

i-j-h 8 minutes Handling charge, $1.00

ZINC — ITS MINING, MILLING AND SMELTING (USBM)

Shows geographic location of zinc-bearing ores in U.S. and a mining community in New York, miners descending mine, entering tunnels, and arriving at cavernous slopes from which ore is mined. Safety precautions are illustrated in actual operations. Animated diagrams clarify complicated processes of crushing, screening, chemical separation and flotation, roasting, sintering, and smelting in electric furnace in preparation of metallic zinc and zinc oxide. Closing scenes show some principal industrial uses of zinc oxide and metallic zinc.

j-h-c 30 minutes Handling charge, $1.00

ZOO, THE (EB, Color)

This is a visit to one of America's largest and most modern zoos. All the animals are displayed in large outdoor areas, some of which simulate the animals' native habitat. Although some visitors are seen, the major emphasis is on the animals — their characteristic actions, their unique coloration, and their feeding habits.

p-i 11 minutes $2.70

ZOO ANIMALS OF OUR STORYBOOKS (C, B&W or Color)

Shows zoo animals in action, at close and long range including bears, elephants, foxes, lions, zebras and giraffes, etc.

p 10 minutes B&W $1.50,
Color $2.70

ZOO BABIES (C, B&W and Color)

Directs the attention to the physical characteristics and habits of the zoo animals and their offspring.

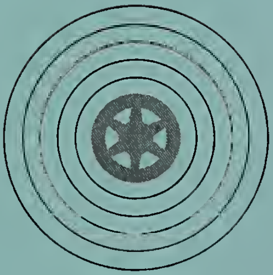
p 11 minutes B&W $1.85,
Color $2.70

ZOO'S WHO (OF)

A tour of a modern zoo — where large enclosures surrounded by moats are used instead of cages. Training lions, tigers, elephants, penguins, seals, and monkeys.

p-i-j-h 9 minutes $1.85

Description of Silent Films



FOR FEES, RULES,
AND SUGGESTIONS
SEE PAGES 7-14

ABC OF POTTERY MAKING (BFS)

Excellent film showing some of the common tools used, thorough wedging of the clay, and rolling the coils. Detailed demonstrations of forming the base, applying the coils, blending one coil into another, shaping on the potter's wheel, and smoothing with wet sponge.

i-j-h-c 11 minutes $1.25

ABOUT BANANAS (UFC)

Depicts the cultivation of bananas in Central America and the West Indies, and the preparation of the crops for shipment. It is adapted to use in geography classes, as it shows scenes of native life.

i-j-h 15 minutes $1.25

ACTIVITIES OF DIAGNOSTIC LABORATORIES (USDS)

Illustrates the activities which are carried on in the laboratory of the Illinois State Department of Public Health. Examining dog's head for rabies; making tests for diseases; collecting blood serum for convalescents for use in the treatment of infantile paralysis. Shows importance of laboratories in the control of disease.

i-c 15 minutes $1.25

ADOLF DEHN'S TECHNIQUE IN WATER COLOR (H, Color)

Illustrates the complete process of creating a water color of an American scene.

j-h-c-a 30 minutes $5.00

AIRPLANE SHEET METAL WORK (WG)

Shows some of the basic training projects students undertake to qualify them for this exacting work which is blueprint reading and drafting procedure.

h-c 20 minutes $1.25

AIRPLANE WELDING (LF)

Covers the process of oxygen-acetylene welding in aviation mechanics.

c-a 20 minutes $1.25

ALICE IN WONDERLAND (UW)

Alice goes through the looking glass into a world of fantasy. She watches the characters dance, then dances with the king of the cards. She is crowned queen.

general **11 minutes $1.25**

ALUMINUM (EB)

Shown are mining, concentrating, and processing of aluminum. Open pit and tunnel mining, preparation of aluminum oxide and its reduction to metallic aluminum in electrolytic cells, the casting procedure, and the rolling mill are also shown. Scenes of the fabrication of kitchen ware and examples of practical applications of the metal are also included.

h-c 15 minutes $1.50

AMERICA'S POLAR TRIUMPH (FOC)

This is the complete and official motion picture record of the first flight over the North Pole made by Commander Byrd. All of the steps in this perilous and adventurous journey are shown including the difficulties in getting the big Fokker plane across the ice floes of King's Bay; preparation at Spitzbergen, the base of supplies; visits from the Norge with Amundsen and Ellsworth aboard; and their greeting after Byrd's plane had successfully circled the pole.

.j-h-c 30 minutes $1.25

ANTS (DEV)

A film showing some of the interesting facts about the eggs, larva, pupa, and work of ants.

p-i 7 minutes $1.25

ANTS, NATURE'S CRAFTSMEN (FOC)

More advanced film than the one above for older students.

i-j-h 15 minutes $1.25

ARCHERY WITH LARRY HUGHES (BFS)

An interesting and instructive picturization of proper bow and arrow technique as demonstrated by Larry Hughes, Men's International Target Archery Champion. Endorsed by the American Association of Health, Physical Education, and Recreation.

i-j-h-c 6 minutes $1.25

ARID SOUTHWEST, THE (EB)

Depicts the world location of hot deserts — effects of wind and erosion in the Arizona Desert — desert plants and animals — nomadic life of the Navajo.

i-j-h-c 15 minutes $1.25

ART TREASURES OF THE VATICAN (FCE)

Pictures ceiling paintings by Italian masters of the Renaissance, including "Moses the Law Giver"; Murillo's "Adoration of the Shepherds"; "Ecce Homo" by Ciseri; and Leonardo di Vinci's "The Last Supper," as well as "The Court of the Pine," the Vatican Tapestry School, and the School of Mosaics in which skilled workers copy in wood or in stone paintings of the old masters.

j-h-c-a **12 minutes $2.00**

ATMOSPHERIC PRESSURE (EB)

Illustrations of unbalanced air pressure, including the well-known Magdeburg Hemisphere demonstration. Atmospheric variations in pressure between valley and hilltop, and between land and water, are clearly presented.

j-h-c 15 minutes $1.25

AUTOMOBILE (EB)

By tracing production and use of iron, rubber, glass and gasoline in the automobile, the film presents a striking picture of the interdependence of industries.

j-h-c 15 minutes $1.25

BABIES, BATHS, AND BUBBLES (V)

The technique of bathing the baby. What to do — how to hold the baby and how to wash him. What it is necessary to know in bathing the baby.

h-c-a 10 minutes $1.25

BABY BEAVERS (EB)

This is a short reel with simple titles for small children. Baby beavers swim with their mother and try to climb on her back. The babies comb their fur with their paws, play in the sunshine, scamper to the near-by stream. The most adventurous climb over a dam; the rest swim and dive with their mother.

p-i 5 minutes $1.25

BABY SONGBIRDS AT MEALTIME (FOC)

A delightful little nature study which deals almost entirely with little songbirds and their eating habits. It shows many fascinating pictures of parent birds feeding their nestlings. Some of the birds treated in this film are sparrows, linnets, canaries, bullfinch, titmice, the long-tailed tomtit, European warbler and the marsh wren.

p-i 15 minutes $1.25

BABY'S BATH (EB)

Illustrates correct methods for the baby's bath. Emphasizes that the bath is important not only for cleanliness but also as exercise, enjoyment, and social contact with the mother.

j-h-c-a 12 minutes $1.00

BACTERIA (EB)

A culture medium is made, and bacteria from vinegar, water, rich earth, and dust are carefully grown, and subsequently stained and examined.

j-h-c 12 minutes $1.50

BALBOA (HOP)

This is a shadow-graf film made by a system developed by M. C. Morrison, co-author of "Films in the Classroom" and a noted authority on Visual Education. The casts are entirely made up of fourth and fifth grade students.

i 15 minutes $1.25

BALI (UW)

Tells of the location and topography of Bali; shows scenes of elaborately carved temples. Rice, the staple food, is shown being cultivated and threshed by women. Shows the customs of trade among the natives in the village market square.

h-c-a 15 minutes $1.25

BANDAGING FOR HOSPITAL CORPSMEN (UW)

Shows the proper application of bandages on the head, chest, back, etc.

(17 loop films, 50 to 100 seconds in length)

h-c-a 24 minutes $3.50

BEAVERS (EB)

These busy workers repair a break in a dam, then take time out for lunch. Views of trees which they have cut down, beaver-made canals, the storage of food, beaver homes, and baby beavers at different ages, make a most interesting and instructive film.

p-i-j 11 minutes $1.25

BEHAVIOR OF LIGHT, THE (EB)

Presents the ideas of transmission, shadows, and eclipses. Explains the formation of images in plane, convex, and concave mirrors. Demonstrates the cause of refraction. Illustrates dispersion, color, and the rainbow.

j-h-c 15 minutes $1.50

BEHIND THE CUP (CHU)

Gives the complete story of coffee from tree to cup: planting the seeds; growing the trees; picking the berries; blending, roasting; grinding and packing.

i-j-h 30 minutes $1.25

BIRD HOMES (E)

Shows the beach and marsh homes of the least tern, killdeer, stilt, gull, pied-billed grebe, etc. — the meadow homes of the bobolink, spotted sandpiper, horned lark, meadow lark and burrowing owl — the skyscraper homes of cormorants, puffins, duck hawks, flickers, etc. — and the homes of birds which build near the ground, such as the cuckoo, wood thrush, yellow warbler, redstarts, and humming bird.

i-j-h 15 minutes $1.50

BIT OF LIFE IN JAVA (FOC)

In the far-off Malay Archipelago, lies Java with her backbone of volcanic mountains and her fertile valleys that hold relics of a day when she was an Indian colony. The finest of these is the Buddhist ruin of Borobodur, carved and arched in ancient manner. Now Java is a Dutch dependency, thickly populated and with many thick-walled cities. Her people are a Mongolian mixture, whose dress, cleanly habits and transportation and marketing facilities are shown in this picture.

i-j-h 15 minutes $1.25

BLOOD (E)

Illustrates the separation of plasma from blood cells, protein and salts from plasma — staining cells — counting red blood corpuscles — how white blood cells reach the body tissue — clotting of blood.

j-h-c 12 minutes $1.50

BLOOMING DESERT (SM, Color)

Just a little rain on the deserts of our Southwest will encourage the growth of many unusual plants and the appearance of beautiful flowers of cacti, poppies, verbena and primrose whose brilliant color is almost beyond belief.

j-h-c 15 minutes $2.25

BOATS AND FISHERMEN OF THE TROPICS (FOC)

Shows the different types of boats used by the Fiji Islanders, including the sailing of outrigger canoes, the use of kayaks, and umiaks, or "women boats"; the primitive but efficient methods of fish-spearing and net fishing practiced by groups in the Fiji Islands.

i-j-h 15 minutes $1.25

BODY FRAMEWORK (EB)

Shows how the skeleton determines shape and size of the body, and how it protects the vital organs. Demonstrates details of bone structure and composition, changes during growth, mending of a fractured bone, relation of sunlight and cod-liver oil to bone development and joint action.

i-c 15 minutes $1.25

BOONE TRAIL (EB)

Visualizes, with maps and photography, the Appalachian Valley: prosperous farm lands and minerals, forests, and primitive life at a mountaineer's cabin; the Bluegrass region of Kentucky — tobacco and hemp crops, dairy cattle, champion horses.

j-h 15 minutes $1.25

BOWLING ACES (UW)

Watch the topnotch bowlers in action. They have perfect form from the first step through the time that the ball smacks down the pins. Close-ups and slow motion photography reveal the finer points of bowling. As an added feature the expert demonstrates several trick shots.

j-h-c 16 minutes $1.25

BRAZIL I (EB)

Amazonian Lowlands — Locate the immense drainage basin of the Amazon River. Shows the wildlife, native Indians, jungle products — Brazil nuts and wild rubber — and the cities of Manaos, Santarem, Belem (Para).

i-j-h 15 minutes $1.25

BUDDHISM (H)

Touches upon the outward aspects of Buddhism — its images of gods and devils, its temples, priests, forms, ceremonies, etc.

j-h-c-a 30 minutes $3.00

CAMERA MAGIC (Castle)

Camera stunts — such as "headless" woman, human fly, reverse action, etc.

j-h 15 minutes $1.25

CAN YOU READ GREGG (BEF)

Shows experts writing in speeds from 80 to 200 words per minute. Film is unintelligible to students unfamiliar with Gregg.

j-h-c 10 minutes $1.50

CANADIAN ROCKIES (SM, Color)

Scenes from Lake Louise, Mt. Victoria, Moraine Lake and views along the highway past Bow Lake, Bow Glacier, Sunwahta Falls to Jasper make up this colorful film journey.

j-h-c 15 minutes $2.25

CARBON-OXYGEN CYCLE (EB)

Presents use of carbon in fuel and food, and the function of oxygen in releasing energy and carbon dioxide. The energy cycle is involved, hence, this picture forms a natural sequence to such films as "Energy from Sunlight" and "The Green Plant."

j-h-c 15 minutes $1.25

CARE OF THE TEETH (EB)

A film that records, by labeled radiographs, animated drawings, and actual photography, the parts of a tooth, prophylactic treatment, the progress of decay, the effects on the teeth of bad habits and disease, and the rules for systematic home care and brushing of teeth.

i-j-h 15 minutes $1.25

CELL DIVISION (WI)

Was made by photographing the dividing cells of the fibroblasts of a rat. The formation of the spireme by the chromatin of the nuclei; the organization of the chromosomes at the equator of the nuclear spindle; the separation of the chromosomes and their migration to the poles of the spindle; the two resulting nuclei; the division of the cytoplasm and the two resulting cells from each fibroblast are very strikingly shown. This film is especially worth while to students of biology.

h-c 15 minutes $1.25

CHAMPLAIN (HOP)

This is a shadow-graf film made by a system developed by M. C. Morrison, co-author of "Films in the Classroom" and a noted authority on Visual Education. The casts are entirely made up of fourth and fifth grade students.

i 15 minutes $1.25

CHARACTER NEUROSIS: LIFE HISTORY OF MARY FROM BIRTH TO FIFTEEN YEARS (NYU)

Child with superior biological capacity and active congenital activity type develops a neurosis through interaction with those in home environment. Mary's ego development is followed from birth to seven years illustrating how the so-called average child — in a family which society considers normal — may never be referred or need psychiatric treatment.

c-a 1 hour $6.50

CHEMICAL EFFECTS OF ELECTRICITY (EB)

The action of two electrodes in an electrolyte is traced from crude beginnings by Volta, through modern battery manufacture and use, electrolysis, electroplating, and electrotyping, to the metallurgy of copper and aluminum.

j-h-c 15 minutes $1.50

CHILDREN'S AIRPORT EXCURSION (PP)

Forty-two children emerge from a modern school bus at an airport, and thrill at: fantastic looking radio equipment; typewriters that run themselves; airmail delivery methods; radiophone communication; planes taking off, and planes landing; huge hangars, and in them huge planes equipped with a maze of instruments.

p-i 15 minutes $1.25

CHIMP, THE AVIATOR (Castle)

Chimp performs gymnastics in mid-air.

p-i-j 15 minutes $1.25

CHIMP'S JAMBOREE (Castle)

Chimp visits a big amusement park, tries the thrill rides, judges a bathing beauty contest and rescues a woman from the top car of a towering Ferris wheel.

p-i 15 minutes $1.25

CHIMP'S VACATION (Castle)

Chimp goes to Florida for health and fun and gets plenty of both in a mischief-filled movie. He makes merry with coconuts, a bicycle, a turtle and a little girl. The story ends in a riot of fun, with a cloud of feathers and a vacuum cleaner.

p-i 15 minutes $1.25

CHINA'S GIFTS TO THE WEST (H)

Points out and illustrates various contributions China has made to Western civilization. Among the contributions cited are: paper, gunpowder, porcelain ware, silks, textiles, dominoes, Mah Jong, decorative designs, and various flowers and fruits.

h-c-a 28 minutes $3.00

CHRISTMAS TOY SHOP (C)

Combines live photography with animated cartoons in a Christmas eve story. The children go to sleep and dream that Santa falls down the chimney and wakes them up, then tells them about the wonderful toyland shop where the toys come to life.

p-i 15 minutes $1.50
(one day only)

CIRCULATION (EB)

Animations and photography trace the human circulatory system; compare the human heart with that of a frog; and show the cycle of pulmonary circulation.

i-c 15 minutes $1.50

CIRCULATORY CONTROL (EB)

Illustrates the pressure of blood in the arteries, methods of measuring blood pressure, structure and work of the veins.

j-h-c-a 15 minutes $1.50

CIRCULATORY SYSTEM (Pt. I and Pt. II, B)

Film shows the construction of the heart by dissection and animated drawings. Also is shown the action of the living heart at normal rate and in slow motion. Part II shows the entire circulatory system in complete detail.

j-h-c-a 30 minutes $3.50

CLEANLINESS — CLEAN FACE AND HANDS (EB)

A white rat cleans its paws. Scenes show an approved method of washing the hands, and hand-washing at school. A cat cleans her own face, and then her kittens'. A boy prepares himself for supper after outdoor play. A class is inspected for cleanliness.

p-i 7 minutes $1.25

COFFEE (EB)

Gives the story of coffee grown in South America, which is typical of the industry everywhere. Presents sidelights on Colombia. The film units are (1) Coffee Growing; (2) Hulling and Cleaning; (3) Shipping Coffee; (4) Preparing Coffee for Market.

j-h-c 15 minutes $1.25

COLUMBUS AND THE DISCOVERY OF AMERICA (HOP)

This is a shadow-graf film made by a system developed by M. C. Morrison, co-author of "Films in the Classroom" and a noted authority on Visual Education. The casts are entirely made up of fourth and fifth grade students.

i 8 minutes $1.25

COMPRESSED AIR (EB)

Enumerates the principles underlying the compression of air, and its practical applications to the Bessemer converter, railway air brakes, air driven tools, and the fire engine.

j-c 15 minutes $1.25

CONTEMPORARY DANCE (PE, Color)

Part I: Reel 1: American dancers and choreographers including Louis Horst, Doris Humphrey, Charles Weidman, Hanya Holm, Jose Limon, Harriette Anne Gray and Perry-Mansfield students.

Part II: Reel 2: Young American dancers including Robin Gregory, Allegra Fuller, Harriette Anne Gray, Eleanor King, Valerie Bettis and students, and Iris Mabry, in "Cult" and "Witch Dance."

h-c-a 30 minutes $4.00

CONTINENT OF SOUTH AMERICA (EB)

Shows the position of South America on the globe, the main natural regions of the continent, their relation to each other, and the physical, biological, and social features of each. It locates and describes the Andes, Pacific slope, Brazilian Highlands, La Plata Basin, Guiana Highlands, Orinoco Basin, and Amazon Basin.

j-h 15 minutes $1.25

CONTROL OF WORMS IN HOGS (USDA)

Shows methods of control of various injurious hog parasites — thornheaded worms, nodular worms, stomach worms, roundworms, lungworms and kidney worms.

h-c 30 minutes $1.25

CORN (EB)

Shows methods of planting, cultivating, and harvesting corn — the corn borer and ways of fighting it — husking and shelling — manufacture of corn flakes and corn starch.

j-h-c 15 minutes $1.25

CORTEZ (HOP)

This is a shadow-graf film made by a system developed by M. C. Morrison, co-author of "Films in the Classroom" and a noted authority on Visual Education. The casts are entirely made up of fourth and fifth grade students.

i 15 minutes $1.25

COTTON: FROM SEED TO CLOTH (NMC)

Shows cotton growing regions of the world. The cotton growing in the Southern states, ginning, transportation to New England, manufacture into cloth and blankets, animations and color photography show for the first time the details of spinning and weaving of cotton textiles and blankets. Produced by Pathe in cooperation with Harvard University.

i-j-h 30 minutes $2.00

COWBOY SQUARES AND AMERICAN INDIANS (PE, Color)

Part I: "Hold Your Holts and Swing Like Thunder," "Take a Little Peek," "Varsoviana," "Fireman's Dance," "Cielito Lindo," etc.; Mildred Dickinson directing.

Part II: American Indians of the Southwest; Zuni Indians join Acomas for their Harvest Dance, Tesuque Eagle Dance, San Ildefonso Harvest Dance, San Juan Rain Dance, Taos War Dance, Santa Clara Rain Basket Dance, Cochiti Parrot Dance, and the Santa Fe Fiesta.

h-c-a 30 minutes $4.00

CYCLE OF EROSION (FOC)

This film presents a study of erosion for both small streams and broad regions. It depicts the development of valleys through the stages of youth, maturity and old age. Some carefully selected landscapes are pictured and classified so as to assist students in their own observations.

j-h-c 15 minutes $1.25

DEATH VALLEY (GDH)

All the worth-while sights of Death Valley are summed up in this delightful reel — from Bad Water, in the lower end of the Valley, to Ubehebe Crater in the north, Golden Canyon and the parched, wrinkled hills of the vicinity — Furnace Creek Ranch, formerly called Greenland — the old borax mill — the rattlesnake — a "desert rat" and his "desert canaries" — Devil's Golf Course — and of course, a glimpse of the old 20-mule-team wagons and "Death Valley" Scotty's million-dollar-castle.

i-j-h 15 minutes $1.25

DECORATIVE METAL WORK (GAF)

Articles made of different metals are shown, and then a detailed filming of each step in this interesting process from the sketching of the design to the final polishing of the completed piece.

j-h-c 15 minutes $1.25

DIPHTHERIA (EB)

A diphtheritic throat is compared with a normal one — the complete preparation and use of antitoxin are demonstrated — methods of modern diphtheria control and of preventing the disease by the administration of toxin-antitoxin are shown.

i-c 15 minutes $1.25

DRYPOINT — A DEMONSTRATION (HU)

Frederick H. Hall illustrates the complete Drypoint process from original sketch to final print.

j-h-c-a 30 minutes $4.00

DUTCH TULIP GIRL (FOC)

Tom, a little American boy, falls asleep and dreams that he is wandering through Holland with Katrina, a little Dutch girl who wears the lace cap, full skirt, and the wooden shoes of her native village of Vollendam. Katrina shows Tom the Hague, the art of tree clipping in Aalsmeer, the town of Leiden, the Isle of Marken and the famous tulip and cheese industries of the Netherlands. She shows him how Dutch children live and play, what their schools are like and explains why dikes have to be built in Holland.

p-i 15 minutes $1.25

EARLY PLAY (EB)

Stresses the importance of determining each youngster's preferences in play and play objects. Illustrates the simple play situations enjoyed by most children at different ages.

j-h-c-a 15 minutes $1.25

EARTHQUAKES (FOC)

A study of the nature, causes, and effects of earthquakes, with special reference to the methods of recording and interpreting seismic phenomena. Extensive use is made of animated drawings to explain the origin and differentiate between volcanic and tectonic earthquakes. Seismographs are shown in operation and their mechanism is carefully explained.

i-j-h 15 minutes $1.25

EAST INDIAN ISLAND (EB)

Locates the Island of Bali and shows Balinese mountains, rice culture, native housebuilding, pottery, weaving, trading — natives hulling coconuts, working on festival decorations, preparing a feast — marriage and funeral ceremonies.

i-j-h 15 minutes $1.25

EDUCATED FEET (BFS)

Illustrates proper and graceful habits of sitting, standing, walking, and playing; to improve and correct postural defects in elementary school children and to make them posture-conscious; and to stimulate the interest of teachers and parents in organizing and carrying out a sane and well-balanced physical education program in the schools.

i-j-h-c 15 minutes $1.25

EGYPT (FOC)

Shows the ancient methods of agriculture and the primitive forms of civilization in Egypt. A trip from Cairo to Luxor reveals the life on the Nile river. One sees the markets, tailor shops, and itinerant barbers.

j-h 15 minutes $1.25

ELEMENTARY BOOKBINDING (GAF)

A number of books with attractive bindings are seen first. Paper, vellum buckram, linen and leather samples are shown. Paper for the cover of the book we now see made is decorated by finger painting. A detailed process filming follows. End sheets are pasted and book is inserted in its covers.

j-h-c 15 minutes $1.25

ELEMENTARY MANUAL TRAINING (BF)

A gift box is displayed, and then a table is seen covered with various samples of this sort of work. The working plan indicates lumber or stock required. An instructor supervises a youngster making a gift box.

j-h-c 15 minutes $1.25

ELEMENTARY TECHNIQUES OF FIELD HOCKEY — Parts I and II (US Field Hockey Assn., Color)

Shows elementary strokes and teaching methods in field hockey.

h-c-a 18 minutes $4.00

ETCHER'S ART, THE (HU)

Frank W. Benson shows the entire etching process.

h-c-a 32 minutes $4.00

EVERYBODY'S BUSINESS (CHC)

This picture presents a plea for more careful driving of cars. It shows how some accidents happen. A telling illustration is made of contrasting two cars driven across a city, one obeying the traffic regulations and the other disregarding all rules.

j-h-c 15 minutes $1.25

EXPERIMENTAL PSYCHOLOGY OF VISION (IFB)

Illustrates the chief phenomena and techniques of research in visual perception. The topics covered are: phi phenomenon, optical illusions, color constancy, eye movements in reading and perception span, and ending with an actual experiment in digit span.

c-a 16 minutes $1.25

EXPERIMENTAL STUDIES OF CHILDREN'S LEARNING (UC, Color)

Pictures the laboratory processes used in measuring rates of learning certain types of material by children. Shows the equipment used and a series of tests.

c-a 13 minutes $3.00

FALLING WATERS OF YOSEMITE (GDH)

Nowhere else on earth can such a glorious array of waterfalls, such as The Waterfalls, Vernal, Nevada, Yosemite, Ribbon, Cascade and Illilouette, be found in such a concentrated area. Each of the falls mentioned above is shown in this film.

p-c 15 minutes $1.25

FARM, THE (EB)

A group of school children visit a farm, where they see the farmer's home, his barns, cows, ducks, chickens, pigs, sheep, and horses. The children romp in the orchard, feed the horses, play with the lambs, and revel in the strawberry patch. The farmer is shown as he harvests green corn. Apples are gathered in the orchard, and many other farm products are shown in the process of harvesting. In final scenes the cows are milked, the milk is poured into cans for shipment to the creamery, and the cows are seen returning to the pasture.

p-i 15 minutes $1.25

FEET (EB)

Shows details of structure and arrangement of arches; the best mechanical use of the foot; the points of a good shoe, and harmful effect of improper shoes; good feet as an asset.

i-c 15 minutes $1.25

FIRE PREVENTION (EB)

Shows the construction of an approved fire-resistant building — correct electrical insulation — possibility of fire through faulty insulation — the proper way to safeguard inflammable materials.

j-h-c 15 minutes $1.25

FIRE PROTECTION (EB)

Contrasts old and modern equipment and methods of fighting fires. Explains the operation of extinguishers, the principle of cooling, blanketing or smothering fires, and a lesson in fire safety.

i-j-h 15 minutes $1.25

FIRE SAFETY (EB)

Emphasizes the immense annual losses from fire — treats ways of preventing fires — shows what to do in case of fire — pictures the teaching of fire-prevention methods to school children.

i-j-h 15 minutes $1.25

FIRST AID — LIFE SAVING AND RESUSCITATION (EB)

Demonstrations in water and (in slow motion photography) out of water, of various approaches and holds used in rescuing the endangered swimmer. Methods of resuscitation include use of the inhalator.

i-j-h 15 minutes $1.25

FIRST AMERICANS (INDIANS) (FOC)

Indians in different parts of the country vary in appearance, dress and customs. Blackfeet Indians of the Northwest are nomads, roaming from place to place carrying their homes and household goods. The women do all the work. The Pueblo Indians of the Southwest build homes of sun-baked clay. They wear much clothing for protection against the sun. The Pueblos are a peaceful and industrious farming people. Views are given of outdoor ovens and Indian cooking. Cliff Dwellers, the ancestors of Pueblos, left evidence of a civilization centuries before the advent of the white man. Oldest known structure in North America, the ruins of a community house called "Tynonyi," is shown in the closing scenes.

i-j-h 15 minutes $1.25

FLUFFY, THE KITTEN (FOF)

An excellent film for use in kindergarten through the third grade in general elementary studies, including reading and animal life. Accurate information concerning kittens and their care is provided in the film, and the vocabulary is correctly graded.

p 14 minutes $1.25

FOOD SERIES — VITAMIN B_1 (EB)

Deals with the natural sources of vitamin B_1, the antineuritic vitamin, and shows the effect of the deficiency of this vitamin on pigeons and young rats. The effect of extreme vitamin B_1 deficiency on human beings is beriberi. The effect of a balanced diet on the disease and the need for a balanced diet to maintain healthy bodies are shown.

j-h-c 15 minutes $1.25

FOOD SERIES — VITAMIN D (EB)

Shows the natural and artificial sources of vitamin D — the antirachitic vitamin. The results of vitamin D deficiency — rickets and poor teeth — are here presented. A series of feeding experiments with laboratory animals shows effects of the lack of this vitamin and corrective results obtained by the feeding of cod-liver oil. The various methods used to increase vitamin D in the body — the use of concentrates, exposure to sunlight or sunlamps, well-balanced diet, improved living conditions.

j-h-c 15 minutes $1.25

FOOTBALL FUNDAMENTALS (EB)

Scenes filmed under actual training conditions, to show fundamental techniques and drills; methods of executing fundamentals; prevention of injuries; modern coaching practice; analyses of body movement in slow motion, followed by the same action at normal speed; application of techniques to typical situations in scrimmage; scenes from actual games. Reel I, Drills for Individuals and Small Groups. Reel II, Group and Team Drill.

j-h-c 30 minutes $3.00

FOOTBALL THRILLS OF 1941 (ICS)

Highlights of the 1941 season: Fordham-Southern Methodist; Duquesne-St. Marys; Yale-Princeton; Minnesota - Northwestern; Columbia - Princeton; Duke-Georgia Tech; Notre Dame - Navy; Harvard - Yale; Army-Navy.

j-h-c 15 minutes $1.25

FOREST PEOPLE OF CENTRAL AFRICA (FOC)

An intimate study of the African pygmies, who have so seldom been photographed; their crude brush villages, and their skill at bringing down game with poisoned arrows is shown. Negro women demonstrate their routine of daily domestic life, including the making of pottery. The men manufacture objects of iron by means of the crudest processes. The native dance at the end shows a striking parallelism to modern American steps.

i-j-h 15 minutes $1.25

FORMATION OF SOIL (EB)

Introduces the student to the rock-soil cycle by means of demonstrations, animations, and actual photography. The story of the disintegration of rock includes the work of the weather, stream erosion and transportation, glaciers, wind and waves, rain and air, plants and animals.

j-h-c 12 minutes $1.25

FOULS AND VIOLATIONS IN WOMEN'S BASKETBALL (UNH)

All the rules and violations in women's basketball now in effect are discussed and illustrated in the gymnasium at the University of New Hampshire.

j-h-c-a 15 minutes $3.00

FROGS, TOADS, AND SALAMANDERS (EB)

Development of typical amphibians through the stages of eggs, aquatic larvae, and final metamorphosis to the adult forms. Structure and adaptations of the tree frog, the green frog, the common toad. Tailed forms of amphibians — the newt, the mud puppy, and the hellbender.

h-c 15 minutes $1.25

FROM FLOWER TO FRUIT (EB)

Shows how all parts of a flower help in producing seeds. The flowers of roses, lilies and apples mature, anthers produce pollen, insects assist in pollination, pollen tubes grow, fertilization is completed, and the fruit develops. Time-lapse motion photomicrography and animated diagrams are freely used.

j-h-c 15 minutes $1.25

FURNITURE MAKING (EB)

Contrasts the important period styles of the past with styles of today — shows master craftsmen at work — and outlines modern methods in machine production of furniture.

j-h-c 15 minutes $1.25

GERMANY, RURAL LIFE (EB)

This is another film of the series made in Germany just prior to September, 1939. Scenes of this film show the primitive methods of farming used in much of rural Germany as well as new large scale farming. The film shows sequence activities connected with tobacco and vineyard farming. Some scenes show young German girls working in the State Labor Service. Also to be seen are village markets, some handicrafts and views of the home life of a typical Bavarian family.

i-j-h 15 minutes $1.25

GLACIERS (FOC)

Presents a study of some existing glaciers. It gives the classification, modes of origin, motion, and characteristics of glaciers. The effects of glaciers on the land surface are shown and considered both from the standpoint of erosion and deposition. Illustrations are given of the different land forms produced.

i-j-h 15 minutes $1.25

GLASS BLOWING TECHNIQUE (EB)

Gives correct procedure and manipulations for elementary glass blowing with Pyrex glass, the technique employed in joining tubes of unequal diameters, and the method of forming bulbs.

j-h-c 15 minutes $1.25

GLIMPSES OF THE 1936 OLYMPICS (ICS)

Views of the opening ceremonies to the summer sports and many of the finals of swimming and track events.

j-h-c 15 minutes $1.25

GOLD (EB)

Compares dredging, hydraulic mining, and "quartz" or shaft mining methods. Gold-bearing quartz is crushed, concentrated, and smelted. The uses of gold in dental crowns, jewelry, and gold leaf. Minting of gold: rolling, cutting into coin blanks, stamping, weighing.

i-c 15 minutes $1.25

GREEN PLANT, THE (EB)

Stresses the fact that living things are dependent for food upon the green plant. The latter's processes of food-making and growing are accurately diagrammed.

j-h 15 minutes $1.50

GUATEMALA (AFD)

In this film we see the natives who are of mixed Malay and Spanish descent. Other scenes show the modern city built to replace the old one destroyed by earthquake in 1773. Also pictured is the sacred festival in honor of Metzel, the Sun-God; then, by way of contrast, a modern country fair.

j-h-c 15 minutes $1.25

GUILD CITIES OF BELGIUM (FOC)

Shows the cities of Belgium important during the Middle Ages. Their ancient buildings are shown in all their beauty. This is an important film for classes studying this part of European history or geography.

j-h-c 15 minutes $1.25

HAPPY HEN AND HER CHICKS (PP)

A primary grade film of a little girl and some of her experiences with a mother hen and a brood of chicks. Some scenes show the eggs being pecked open and the little chicks tumbling out. Later sequences show the hen conducting her brood about the yard.

p-i 15 minutes $1.25

HIGH SCHOOL READING TRAINING FILMS (14 films) (ISU)

This series (average 112 ft. each) is designed to be used with 9th grade students to improve the facility with which high school students read.

h 14 films, approx. 4 min. ea.
$1.50 ea., $21.00 for the set

HISTORIC SCENES ALONG THE MT. VERNON MEMORIAL HIGHWAY (USDA)

In this film we see the Lincoln Memorial and Arlington House, Washington's home, Carlyle House, Ramsay House, Masonic lodge and William's portrait of Washington. Subsequent scenes show the Grave of the Unknown Soldier, home of Robert E. Lee, the George Washington National Masonic Memorial, Mt. Vernon and grounds, and the tomb of George Washington.

general 15 minutes $1.25

HISTORICAL INTRODUCTION TO THE STUDY OF CHEMISTRY (EB)

The primitive savage's manipulation of metals; the alchemist; experiments of Priestly and Lavoisier; discovery of oxygen and explanation of burning. A scientifically accurate presentation of the birth of modern chemistry.

j-h-c 15 minutes $1.50

HITS, RUNS, 'N ERRORS (ICS)

Scenes from the Fordham practice field of baseball. The film gives some slants on training and inside baseball.

i-c 15 minutes $1.25

HONEYMAKERS (FOC)

Shows an apiary, different types of honeycombs, and bees making honey. The different kinds of bees are pictured such as the queen, workers, and drones. The film follows the metamorphosis of the honey bee.

i-j-h 15 minutes $1.25

HORSES AND BOTS (USDA)

This U.S.D.A. film shows the three types of botflies, how they attack and render horses and mules useless for work, methods of treatment and how eradication campaigns are carried out.

j-h-c 30 minutes $1.25

HOT-AIR HEATING (EB)

Scenes, supplemented by animations, trace the development of heating methods from fireplace and stove to a modern hot-air system in a large building.

i-j-h 15 minutes $1.25

HOW A COLOR WOOD ENGRAVING IS MADE (H, Color)

Meta Handel shows the method and tools used in transferring her original painting to color wood engraving.

j-h-c-a 20 minutes $6.00

HOW BIRDS FEED THEIR YOUNG (EB, Color)

Photographed by Dr. Arthur A. Allen, Professor of Ornithology, Cornell University. Shows the indigo bunting, towhee, thrush, bluebird, cedar waxwing, goldfinch, hummingbird, heron, snakebird, least bittern, quail, and grouse — each with its own distinctive feeding methods, vividly shown.

p-c 9 minutes $2.25

HOW THE FIRES OF THE BODY ARE FED (FOC)

This is a study of the mechanical processes that take place in the human body during digestion. A striking comparison between the stoking of a ship and the feeding of the human body is drawn. X-ray photographs of the stomach in action are shown.

i-c 15 minutes $1.25

HOW TO GROW HOGS (UW)

Shows experimental farm where practices showing selection of hogs for breeding purposes, care of the sow before and after farrowing, and feeding and handling of pigs up to market time were developed.

h-c-a 15 minutes $2.85

HOW WE SEE (KB)

Presents for the first time the latest facts regarding accommodation, or focal adjustment, preceded by introductory anatomical matter and illustrated by means of animated drawings.

i-j-h-c 15 minutes $1.25

IN OLD HESSEN (GTI)

Some of the life and customs of the Hessen district in Germany. Shows Market Place, harvest and dance after harvest, church, and girls weaving linen for wedding chests. Costumes of the district are shown.

c-a 30 minutes $1.25

INDUCED CURRENTS (EB)

The principle of electromagnetic induction applied to commercial generators; the conversion of alternating current into direct current; the action of the commutator, transformer, and telephone.

j-h-c 15 minutes $1.50

INSTITUTIONAL TRAINING (UM)

Depicts the activities of the School for the Feebleminded at Faribault, Minnesota. In the kindergarten we see girls cutting paper dolls, boys playing in a sandbox, bouncing a ball, and being pushed in a swing by a teacher. In the school we see a teacher reading to a class, children drawing, getting books from the library, playing basketball, tap dancing, making baskets, sewing, and working on various shop projects such as shoe repair, broom-making, etc.

c-a 15 minutes $2.50

INTERDEPENDENCE (HU)

This is a presentation of the dependence of individuals and communities upon one another. Interesting action scenes show the specialized jobs of the town and city which increase dependence as well as benefits. There are scenes of dairy farms, stockyards, wheat fields, bakeries, forests, lumber camps, coal mines, and the vast network of railroads that bind together the entire country. Finally by means of scenes taken in foreign countries the picture ends with the conclusion that all nations are interdependent.

j-c 22 minutes $3.00

INTRODUCTION TO MECHANICAL DRAWING (CO)

Mechanical drawing is shown and demonstrated for the beginner. Materials are lined up and the correct methods of procedure are demonstrated.

j-h 20 minutes $3.50

IRON ORE TO PIG IRON (EB)

Outlines the mining of ore in the Mesabi range; its transportation to Duluth and through the "Soo" canal to Gary, Indiana, where it is smelted and cast into pigs.

j-h-c 15 minutes $1.50

ISLAM IN EGYPT (H)

Portrays the learning and mysticism of Mohammedanism in Egypt, the intense loyalty of its followers, its strong customs and laws of life. Reveals some of its faults.

h-c-a 15 minutes $1.25

JOHN DOE, CITIZEN (KB)

Dramatizes a situation which demonstrates the apathy with which most citizens view civic matters of interest to their community.

h-c 15 minutes $1.25

LAST OF THE WOOD ENGRAVERS (HU)

Commissioned to preserve and make available to posterity a visualization of the technique of Timothy Cole. This was the last engraving carved by Mr. Cole just before he died.

h-c-a 30 minutes $3.00

LENSES (EB)

Emphasizes those phases of lens refraction admirably shown by animation: action of a converging lens, real and virtual images, changes of magnification; effect of a diverging lens and formation of the virtual image; construction and explanation of achromatic lenses.

j-h-c 15 minutes $1.50

LET'S SEE YOSEMITE (YRC)

The film takes the viewer on a trip through Yosemite National Park. Among the scenic places shown are the El Capitan Mountains, Bridal Veil Falls, Royal Arches, Wawona, the world's most famous tree, and the Half Dome.

i-c 15 minutes $1.25

LET'S STUDY GLACIER NATIONAL PARK (DL)

Travelogue and animation on some of the geological features of Glacier National Park.

j-h-c 15 minutes $1.25

LIMESTONE AND MARBLE

Demonstrates the relationship between limestone, chalk, and marble — quarrying, carving, and using natural limestone — manufacturing artificial limestone (cement) — quarrying of marble.

j-h-c 15 minutes $1.50

LITTLE BROTHER AND SISTER (DEV)

Deals specifically with the care of infants. How to bathe and handle infants. Effect of lack of sunshine on the infant's health. The importance of health examinations.

i-j-h 15 minutes $1.25

LITTLE INDIAN WEAVER, THE (FOC)

Bah lives on a Navajo Indian reservation in California and learns from her mother the art of weaving. Bah wants the doll of a white child, but her mother tells her she should weave a blanket to exchange for the doll at the Trading Post. Although the Trader refuses to take the blanket, the Trader's son buys the doll for Bah with his savings. After this act of kindness, the Navajos accept the white boy as their friend and teach him many interesting customs.

p-i 15 minutes $1.25

LIVING CELL, THE (EB)

Pictures the division and growth of single-celled organisms: yeast, amoeba, paramecium — many celled organisms: hydra and flatworm — tissue cells.

j-h-c 15 minutes $1.25

LONDON (WORLD PARADE) (ICS)

Shows Thames, Westminster, the Abbey and other historic buildings and sections; also Change of the Guard. These are views of prebombed London.

h-c-a 15 minutes $1.25

LOOM WEAVING (UW)

A girl student of the Universal School of Handicrafts threads a small loom and, following a weaving draft, goes through the process of weaving a pattern.

j-h-c 15 minutes $1.25

LUCITE CARVING (WG)

A new medium offering exciting possibilities. Featuring Domenico Di Mortellito, foremost Lucite artist.

j-h-c 20 minutes $1.25

LUTHER BURBANK (EB)

A part of the life of the "plant wizard" is depicted by scenes showing cactus development, lily pollination, the development of long staple cotton, walnuts with paper-thin shells, and improved varieties of wheat and oats.

i-c 12 minutes $1.25

MAGNETIC EFFECTS OF ELECTRICITY (EB)

Includes magnetism and magnetic induction with their applications to the electromagnet, the electric bell, the ammeter, the voltmeter, and the motor; the theory of permanent magnetism; an explanation of terrestrial magnetism.

j-h-c 15 minutes $1.50

MAKING A MONOTYPE (WG)

The making of a full-color print from one plate, demonstrated by Will Barnett, prominent graphic artist.

j-h-c 15 minutes $1.25

MAKING AN AIRPLANE FITTING (WG)

Illustrates the manner by which a damaged gusset plate is replaced by demonstrating the various processes and by showing carefully labeled pictures of the different instruments.

h-c 20 minutes $1.25

MAKING BRICK PAVING (USDA)

The complete process of brick making from the securing of the raw materials, the process of manufacture, drying and baking bricks in kilns, to the testing of the finished product is shown.

j-h-c 15 minutes $1.25

MAKING OF A SHOOTER (JH, Color)

Demonstrates in three films the proper safety procedures to employ in gun handling while target shooting, hunting, or formalized shooting in competition. Champion shooters teach a young man the proper way to care for and safely use a rifle during international matches. Hunting and target shooting scenes are also utilized to illustrate the proper use of a rifle and shot gun.

j-h-c-a 30 minutes $4.00

MAKING OF PUPPETS, THE (BFS)

To illustrate the method best, the film follows the making of a puppet from beginning to end. In making a puppet, the material must be formed into workable character. In the making of this particular type of puppet, the finger stall is first made with light cardboard and glue, to which the cotton head filler is securely fastened. A sock is pulled over the filler and finger stall and cut one inch below the stall.

The operation of making the face of the puppet is then shown in complete detail, from sketching and painting the features through fastening the hair in place. The dress for the puppet is made from a pattern clearly viewed in the picture. When the dress is sewed to the now completed "head" of the puppet, it is ready for use. Several illustrative puppets of this design and make are then shown.

The clarity and simplicity with which this production has been made are great assets to the film. Any beginner, regardless of grade level, will be able to follow the simple instructions given in the film.

j-h-c 10 minutes $1.25

MALAYS OF SUMATRA, THE (FOC)

Sumatra, one of the largest islands in the Malay Archipelago, is largely peopled by two types. Of these, the Malays live along the coast, where they trade with neighboring islands, cultivating "wet rice" by primitive agricultural methods, and make meal with mortar and pestle. The Malay houses are unique and picturesque and their marriage ceremonies elaborate. The wedding of a rich man and woman is celebrated by processions through the village streets, gift bearers, and dancing to music made by an orchestra with native instruments.

i-j-h 15 minutes $1.25

MEAT PACKING (EB)

Locates the cattle country and the "Feeder belt," pictures shipping of cattle to market, dressing of beef, government inspection, and curing of hams.

j-h-c 15 minutes $1.25

MEDAL MAKER (HU)

The making of medals and coins is demonstrated by Laura Gardin Fraser.

h-c-a 47 minutes $5.00

MERRY CHRISTMAS (UW)

Catches all of the lift, suspense, expectancy and excitement that mounts for months to the glorious day of December 25th. Woodsmen in the forests are hunting your snow-tufted trees; farmers are fattening the holiday turkeys; craftsmen are perfecting new presents for Junior and Sister. With quickening pace, store windows blossom with moving displays of marvelous appeal; streets hum with shoppers. Finally the Eve of the great day arrives — and with it is Santa Claus himself.

p-i 15 minutes $2.00
(one day only)

MESA VERDE NATIONAL PARK (DL)

Scenes of some of the more interesting places of the park.

j-h-c 30 minutes $1.25

MEXICO OUR NEIGHBOR (NMP)

Classes in general and commercial geography will be interested in this film. It shows some of the mountains and plains of Mexico, describes the oil and mineral wealth, and compares the old and new methods of industrial and agricultural production now in use.

j-h-c 15 minutes $1.25

MINING NICKEL, COPPER ORE (USBM)

Depicts the operations in the mining of nickel and copper ore in a large mine.

j-h-c 15 minutes $1.25

MISSIONS OF CALIFORNIA (GDH)

With the founding of Mission San Diego de Alcala in 1769 by Fray Junipero Serra, began a period of fifty years known as the Golden Age of California. This amazing Franciscan friar and his followers built twenty-one Missions extending seven hundred miles northward. This picture shows all the Missions as they appear today. Traveling along El Camino Real, the King's Highway, the film reveals the romantic Missions in the order of their founding.

i-j-h 15 minutes $1.25

MR. CHANG TAKES A CHANCE (H)

Concerns a missionary hospital in China.

i-j-h-a 15 minutes $1.25

MODERN MILK (EMC)

The processes involved from the milking of the cows to the canning and shipping of evaporated milk are shown in this film.

i-c 15 minutes $1.25

MOLD AND YEAST (EB)

Shows the development of mold — plus and minus strains, zygospore, movement of protoplasm — and the formation of buds.

i-j-h-c 8 minutes $1.50

MOSQUITOES (USDA)

The bureau of Entomology and Plant Quarantine of the U. S. Department of Agriculture produced this film. It shows the mosquito as a pest affecting man and beast, varieties and life history, safeguards and methods of control. Scenes are taken mostly in New Jersey and Florida.

general 45 minutes $1.25

MOTOR APTITUDE TESTS AND ASSEMBLY WORK (PSC)

A subject with striking motor ability is compared with a subject of average capacity. Performance is shown in the dynamometer strength test, the Whipple steadiness test, the slot-board steadiness test, and metal-stylus tapping test, the peg-board test, the bolt-block test, and the O'Connor wiggley-block test. After the test series is completed the two men are pictured at a job of assembly work in which the important factors of the test series are needed for success.

c 22 minutes $4.00

MUSCLES (EB)

Presents, by means of demonstrations and animations, the general nature and structure of muscles. It shows voluntary and involuntary muscles; contraction, effect of a series of stimulations, nature of sustained contraction, recording of muscle fatigue; arrangement of muscles in antagonistic groups, use of muscles in various activities.

i-c 15 minutes $1.50

NATIVE AFRICA (UW)

Opening scenes take us on a trip through the interior. Finally we see scenes of the dark jungles of Africa. Especially interesting are the scenes of natives and the giraffes, zebras, tigers, and lions. A great risk on the part of the photographer made these animal shots possible.

i-j-h 15 minutes $1.25

NAVAJO INDIANS — HOME LIFE (BFS, Color)

Intimate and interesting glimpses into the lives of the Navajo Indians of the semiarid desert of Northern Arizona are given in this film. A few of the sequences included in this film are a close-up of an old Indian woman and a little child, a woman strapping her baby to a baby board, a woman preparing food, and a close-up of their famous sandstone silverwork — bracelets, rings, and other ornaments.

i 15 minutes $1.25

NAVAJO INDIANS — RUG WEAVING (BFS, Color)

The method of the weaving of the Navajo Indian's famous rugs is shown. The different operations shown are: sheepshearing; carding of the wool; spinning by hand; setting up the loom; silhouette view of erected loom; making of the dye; dyeing the yarn; close view of weaving technique; finishing the weave; and the finished rug.

i 15 minutes $1.25

NEW ENGLAND FISHERIES — PART I (EB)

Cod. — Outlines the equipping and loading of a schooner for a trip to the Grand Banks — setting trawls and catching fish — unloading — preparing cod for market.

j-h-c 15 minutes $1.25

NEW ENGLAND SHRINES (FOC)

Scenes of many of the interesting places of historical importance in the New England States.

i-j-h 15 minutes $1.25

NEW JANITOR (Castle)

Charlie Chaplin Comedy in which Charlie, working as a janitor, catches an executive absconding with funds to pay a gambling debt. Charlie has been fired, and the police almost get him instead of the villain, but in the end everything straightens out, he gets his job back and a reward.

general 15 minutes $1.25

NITRATE INDUSTRY OF CHILE, THE (FOC)

The film begins with the mining and refining of the nitrate ore. The refined nitrate is bagged and shipped to all parts of the world. The picture continues by showing farmers using the nitrate as a fertilizer.

j-h-c 15 minutes $1.25

NITROGEN CYCLE (EB)

Shows the relation of nitrogen to plant and animal growth. Scenes presenting the formation of natural fertilizers and commercial fertilizers complete the story of the nitrogen cycle through living and nonliving things.

j-h-c 15 minutes $1.50

NOERDLINGEN (GTI)

Scenes of the ancient town of Noerdlingen. Ancient buildings, costumes, the "Daniel" — the old church tower. A festival dance and a re-enactment of the siege of Noerdlingen during the Thirty Years' War are shown.

h-c-a 15 minutes $1.25

"OLD IRONSIDES" (GDH)

The frigate "Constitution," better known as "Old Ironsides," ushered in our Navy in 1797. It brought great prestige to our country by its conquest of the pirates of Morocco and Tripoli in 1803-04 and its defeat of Britain's frigate Guerriere. This travelette shows "Old Ironsides" as she is today. Full-view shots from every angle being supplemented by intimate scenes aboard the ship.

general 15 minutes $1.25

OLD SOUTH, THE (EB)

Portrays in animation and photography the physical features of areas planted to tobacco, sugar, rice, cotton; pioneer life; early methods of transportation on a Mississippi River steamboat; and plantation life in the Old South.

j-h-c 15 minutes $1.25

OPTICAL INSTRUMENTS (EB)

Utilizes the principles of reflection and refraction and applies them to optical devices. The film units are: (1) Mirrors; (2) The Eye and Spectacle Lenses; (3) The Camera; (4) Stereopticon and Moving Picture Projectors; (5) Microscopes and Telescopes.

j-h-c 15 minutes $1.50

OYSTERS (EB)

Life history of the Atlantic oysters. Methods used in oyster "farming," fishing, and canning. Also how pearls, formed in the Oriental pearl oyster, are graded, drilled, and assembled into necklaces.

j-h-c 15 minutes $1.25

PATROL PROTECTION (HEB)

Two boys with different attitudes toward the school patrol are the principal characters. The two are playing after school when the careful boy is struck by a car while warning his friend of danger. The careless boy reforms and becomes a member of the patrol.

p-i 10 minutes $1.25

PERFORMANCE TESTING (UM)

Two reels which deal with performance testing show individuals from the age of 4 to the age of 20 with mental ages equal to, above, or below chronological age. They are tested with the manikin test, the sequin form board test, the Knox cube test, the diamond test, and the memory test. At the end of each test, the scores are compared.

c-a 30 minutes $4.00

PIED PIPER OF HAMELIN (ARF)

An excellently acted and photographed film of this old folk tale. It is adapted to general use.

i-j 30 minutes $1.25

PIG IRON TO STEEL (EB)

Traces the progress of the ore through open hearth furnace, blooming mill, and finishing mill to the finished products. "I" beams and rails.

i-c 15 minutes $1.50

PLAY MATERIALS IN THE ELEMENTARY SCHOOL (BSTC, Part Color)

Shows an experiment in recreation conducted by a college class in collaboration with the college audio-visual center. Devices are shown for those periods of activity when children require space to run, jump, climb, hang, push, and pull. Shows fundamental play materials and supplementary toys used by the children of the Riley Elementary School, Muncie, Indiana.

c-a 23 minutes $4.50

POSTURE (E)

Prepared in cooperation with the American Posture League. Good posture, both standing and sitting; the part played by muscles in determining whether it shall be good or bad; how to correct poor posture; and the importance of good posture in physical well-being.

i-j-h 15 minutes $1.25

PRACTICAL LETTERING (CO)

Demonstrates the construction of each letter and number in Commercial Gothic, the basic style for drafting and hand lettering.

h-c-a 25 minutes $3.00

PRESCHOOL ADVENTURES (ISU)

Shows the preschool laboratories of the Iowa Child Welfare Research Station. Includes a wide variety of activities, and shows how major objectives in child development are reflected in various aspects of the preschool program.

c-a 42 minutes $5.00

PRINCIPLES OF FLIGHT (CAA)

Elementary principles of lift and flight are illustrated by kite, glider and airplane. Animation and photography of apparatus, and wind tunnels are used to show effect of air current velocity, inclination angle of wings, and streamlining. Standard controls are demonstrated — rudder, elevators, ailerons, stabilizer, and fin.

j-h-c-a 10 minutes Handling charge, $1.00

PROTOZOA (EB)

The life of various protozoa is observed by means of microcinematography. Dissection of amoeba is made under the microscope. Methods and means of locomotion, food-getting, digestion, reproduction, elimination, and defense are observed.

h-c 30 minutes . $3.00

PUERTO RICO (EB)

Indicates development of this island under United States control, and shows how location and climate make it a rich producer of agricultural raw materials. The topics are: (1) San Juan; (2) Schools and Colleges; (3) Rural Life; (4) Agricultural and Industrial Products.

j-h-c 15 minutes $1.25

PUPPET FACES (BFS)

Shows the detailed operations of making puppets with built-up features. The process of raising the features commences with making the frames for the eyes, nose, and ears, of wire. When the wire has been inserted and fastened to the sock, papier maché is made to cover the frames. The process of making the papier maché and the ingredients is carefully depicted. When this mixture is of the correct consistency, the features are moulded and fastened to the already inserted frames.

Mixing the paint and decorating the features is shown to aid the beginner in determining the proper shading and the correct procedure. A method of steadying the hand while painting concludes this half-reel. Models of this type of puppet are shown in action to give the beginner an idea of the imaginative figures that may be created.

j-h-c 6 minutes $1.50

PUPPET THEATRE (BFS)

A simple puppet theatre is shown in the course of construction. The style of the "stage" is as elementary as possible, so that the beginners may follow it clearly. A "curtain" is constructed from an old roller shade, and decorated. Methods of keeping the puppets on an even line during the course of their action are clearly reproduced.

When the stage is completed, a short play, using the characters of Hansel and Gretel, is produced for a group of children assembled to see the finished product. Various other characters appear, and scenes from both front and back stage are included.

j-h-c 7 minutes $1.25

PURIFYING WATER (EB)

Stresses the need for purifying water, and shows methods of aerating, filtrating, disinfecting and testing a city's water supply.

i-j-h 15 minutes $1.25

RAILROAD TRANSPORTATION (USBM)

Shows methods of transportation from the time when beasts of burden were used for transportation to the modern diesel train. Stresses the fact that electric locomotives are better suited for certain operations than steam locomotives; such as switch yards, tunnels, and terminals. States that the diesel locomotive is replacing steam locomotive on railroads.

h-c-a 30 minutes $1.25

REDWOOD SAGA (GDH)

Areas of Redwoods are being lumbered, and this fascinating travelette shows the cutting, loading, transportation, mill sawing and finishing operations in this large industry. Redwood is highly fire resistant, having little or no pitch content. The lumber is also impervious to pests that ravage other woods, and hence is employed whenever a long-lasting, almost permanent structural material is essential.

i-h 15 minutes $1.25

REFINING CRUDE OIL (EB)

Through demonstrations, animations, and photographs, the steps in distilling which are concerned with gasoline, kerosene, oil distillate, paraffin wax, fuel oil, lubricating oil, asphalt, and "cracking."

j-h-c 15 minutes $1.25

REPTILES (EB)

Depicts harmless garter snakes, pit vipers, and poisonous coral snakes; New World lizards — American "chameleon," horned "toad," iguana, and Gila monster; alligators — their habits, eggs, and young; tortoises and turtles — box tortoise, desert tortoise, and marine turtles.

i-c 15 minutes $1.50

RIO GRANDE (EB)

Depicts the source of the river, the nature of the country, and the people who dwell along the banks of the Upper Rio Grande — the Elephant Butte Dam and the irrigation projects of the Middle Rio Grande contrasted with scenes on the Mexican side — and includes the manner in which fruits and vegetables are grown along the lower river and shipped to northern markets.

j-h 15 minutes $1.25

SADDLE TRIPS IN YOSEMITE (YPC)

This picture deals with the various saddle trips that may be taken on the floor of Yosemite Valley and above the Valley rim, with scenic views of the many waterfalls in the Park.

general 15 minutes $1.25

SAFETY AT PLAY (EB)

Contrasts safe and unsafe places to play, safety in the use of play equipment, good habits in play, proper care of the playgrounds, and first aid for minor injuries.

p-i 8 minutes $1.25

SAND AND CLAY (EB)

In conjunction with LIMESTONE AND MARBLE, this film gives an understanding of the rock-soil cycle in nature, and of the commercial significance of minerals involved.

i-c 15 minutes $1.25

SCULPTURE OF LAND BY RIVERS (FOC)

Here is presented a study of the erosion of the earth's surface by running water. The picture enables a student to get a good conception of the relentless wear upon the land surface by water from seeing views of the Dells of Wisconsin, Grand Canyon, and Ausable Chasm. Next the film pictures a laboratory experiment on how a river does its work.

j-h-c 15 minutes $1.25

SEEING GLACIER NATIONAL PARK (DL)

Travelogue over some of the park.

j-h-c 15 minutes $1.25

SHIP OF THE DESERT (EB)

The camel is shown at its work in the forbidding desert wastelands. Arabs and their families, camels and young, Bedouin caravans, and scenes at an oasis are included.

p-i-j 15 minutes $1.25

SHORE DEPOSITS (FOC)

The different types of waves, how waves determine coast formation, and the principal features of wave and current deposition along the coast.

j-h-c 15 minutes $1.25

SHORE LINES AND SHORE DEVELOPMENT (FOC)

A study of the forces which are shaping the coast lines of the continents and the shores of lakes. The picture considers the two main types of waves commonly developed in the sea and shows the work which they accomplish in changing the shoreline. Both kinds of work accomplished by waves and currents, erosion and deposition, are shown by the resulting beaches, cliffs, caves, bars, and spits. The fury of storm waves is emphasized.

j-h-c 15 minutes $1.50

SIBERIA I (EB)

The Trans-Siberian Railroad; Alexandrovsky Prison; street scenes in Irkutsk; sports — home life — elementary school; public health projects; agriculture; the Buryat Mongolians; religious ceremonies (Buddhism). Taken in 1938. See Russia, Turkey, Japan, Manchukuo, and below.

j-h-c 15 minutes $1.50

SIBERIA II (EB)

Lake Baikal — fishing — gold mining; religious ceremonies (Shamanism); the reindeer people (Tungus); manners and customs; activities in government schools, a sanatorium, and a store. Filmed in 1938.

j-h-c 15 minutes $1.50

SILK (EB)

This film contains views of raw silk culture in Japan — animations and scenes showing time required and countries traversed to reach industrial centers of the United States.

j-h-c 15 minutes $1.50

SIMPLE MACHINES (EB)

The simple machines, lever and inclined plane, are developed as fundamental to other machines. Principles of mechanical advantage, moments, work, efficiency, and conservation of energy are applied. Complex machines are shown to be combinations of simple ones.

j-h-c 15 minutes $1.50

SIX-MAN FOOTBALL (UI)

Football is a splendid game but the conventional eleven-man-team game is an impossible one for thousands of small high schools. The six-man-team game preserves the good features of football and puts the game within the reach of small high schools and for intramural use.

This film demonstrates the equipment needed, type of field, fundamentals of individual and team play. Some offensive plays are demonstrated by two college teams. The film closes with scenes from a stirring game between Chrisman and Oakwood high school. The technical director for Six-Man Football was Ray Duncan, a national authority on the game. Filmed by the Visual Aids Service.

j-h-c 30 minutes $1.25

SKIN (EB)

Contrasts the skins of various animals. It shows structure and method of growth of human skin; explains the sensation of touch, the formation of "gooseflesh," how hair "stands on end," the secretion of sweat, growth of hair and nails — illustrates the proper care of the skin.

i-j-h 15 minutes $1.50

SMOKE STREAMS (FPC)

This is a visualized study of aerodynamics and airflow phenomena. The 43 scenes illustrate the nature of flow around objects classified under headings of lift, drag, high lift devices, down-wash effects, tip losses, and miscellaneous flow phenomena.

h-c 30 minutes $1.25

SOME SEASHORE ANIMALS (EB)

An anemone and its relative, the sea feather, are interestingly shown. Feather dusters (marine tube worms) are pictured — one old specimen in its long, calcareous tube. Sea urchins are displayed from various angles. Close views of starfishes show how their tube feet assist them in feeding. A sunflower star swallows food. Closing scenes show the hermit crab and some of its seashore neighbors.

i-j-h 12 minutes $1.50

STEAM POWER (EB)

Shows early steam engines, and the improvements which made the steamboat possible. Explains simple steam engines, steam boilers, and locomotives.

i-c 15 minutes $1.25

STORY OF THE STAR SPANGLED BANNER (FOC)

This film, adapted particularly to the elementary and junior high school level, dramatizes the life of Francis Scott Key from boyhood to the War of 1812. His imprisonment on a British ship and the all-night battle of Fort McHenry is vividly shown to be the cause of producing our national anthem.

i-j-h 15 minutes $1.50

STREET SAFETY — FOR ADVANCED GRADES (EB)

Illustrates fundamental safety principles designed to govern outdoor activities of older children or adults. This film was made in cooperation with the National Safety Council and American Automobile Association.

j-h-c 15 minutes $1.25

STREET SAFETY — FOR PRIMARY GRADES (EB)

A trained police dog is included among the actors and is used to demonstrate cardinal points of street safety by the indirect method. This subject is designed especially to impress younger children.

p-i 8 minutes $1.25

STUDIES ABOUT COMMUNICATION (PP)

Actual situation of forty school children in class and activity groups, working on: wireless and telegraph, radio, printing press and newspaper, carrying the mail, flag signals, signs and symbols, and ancient writing methods.

p-i 15 minutes $1.25

SUBJECT, VERB, OBJECT (STM)

This is a color film which emphasizes "big primary grammatical relations" in the sentence and "thought blocks" recommended in a National Council of Teachers of English monograph. Color symbols are used to emphasize meaning. The film is planned for use in grade 6 or higher and for review and remedial purposes.

j-h 13 minutes $2.50

SWIMMING AND DIVING ACES (ICS)

We learn, through slow motion in this film, what makes great divers. Every type of twisting, turning dive is shown.

general 15 minutes $1.25

TECHNICAL FILM NO. 1

Effect of fuel-injection advance angle on combustion in a high speed Diesel engine.

h-c 15 minutes $1.50

TECHNICAL FILM NO. 3

Effect of air fuel ratio on combustion in a high-speed compression ignition engine.

h-c 15 minutes $1.50

TECHNICAL FILM NO. 4

Effect of air flow on combustion in a high-speed compression ignition engine.

h-c 15 minutes $1.50

TECHNICAL FILM NO. 6

Effect of fuel injection nozzle design on combustion in a high-speed compression ignition engine.

h-c 30 minutes $1.50

TECHNICAL FILM NO. 12

A study of air flow in an engine cylinder.

h-c 15 minutes $1.50

TECHNICAL FILM NO. 14

Slow motion study of normal combustion preignition and knock in a spark ignition engine.

h-c 30 minutes $1.50

TECHINQUES OF FOIL FENCING (UC)

Analyzes fencing positions at various speeds with close-ups of footwork in advance, retreat, lunge and lump lunge; handwork in correct grip on French and Italian foil; straight thrust, disengage, one-two and one-two-three, double, coupe, coupe disengage and coupe-coupe; simple parry 4,6,7,8 and half circle, counterparry 4 and 6, stop thrust in high and low line. Begins and ends with a demonstration bout by Helene Mayer, United States and world champion.

c-a 10 minutes $1.50

TERMITES (EB)

The partial life history of termites is illustrated by subterranean termites (Reticulitermes), rotten-wood termites (Termopsis), and sound-wood termites (Kalotermes). A few of the many protective measures against these insects are shown.

j-h-c 15 minutes $1.50

TESTING THE I.Q. (IFB)

Demonstrates the administration of the revised Stanford-Binet intelligence test and calculations of the I.Q.

c 18 minutes $3.50

THREE GREAT RELIGIONS OF CHINA (CF)

Presents Taoism, Buddhism and Confucianism.

j-h-a 15 minutes $1.25

THREE LITTLE BRUINS MAKE MISCHIEF (Castle)

A hilarious story of three small bears who, one day, wander out of their forest and happen upon a farm. Their visit involves encounters with such oddities — to a bear — as a cow, a goose and a horse. Then they find the kitchen which, naturally, complicates things.

general 15 minutes $1.25

TIN (EB)

Opencast mining, sluicing, and bucket dredging are shown in the world's richest tin mines (in the Malay states). Tin is shipped to the United States, and the processes of making tin plate, tin cans for food containers, and various tin-base alloys are shown in full.

j-h-c 15 minutes $1.25

TRANSPORTATION (DL)

This film begins by showing the early methods of transportation and continues to the present use of electric locomotives.

i-c 30 minutes $1.25

TRANSPORTATION ON THE GREAT LAKES (EB)

Explains the changes which took place during the formation of the Great Lakes. Pictures the sending out of lighthouse keepers and supplies at the opening of spring navigation, loading and unloading ore and grain freighters, passing through the "Soo" locks; car ferries, package and passenger lines.

i-c 15 minutes $1.50

TREE TO NEWSPAPER (EB)

Includes the steps involved in felling a tree, getting out logs, floating them to market, making wood pulp, and making paper ready for printing in a newspaper plant.

i-c 15 minutes $1.25

TRICKS OF TRADE FOR TYPISTS (BEF)

Illustrates chain-feeding, back-feeding, carbon-notching, card-flipping, and many other tricks of the professional typist.

j-h-c-a 10 minutes $1.50

TUBERCULOSIS AND HOW IT MAY BE AVOIDED (EB)

By scenes and animations, tubercle bacilli are shown growing in the laboratory and in the lung tissue of the human body. A tuberculin test is given, a positive reaction is obtained, and the daily routine at a preventorium is pictured.

i-j-h 15 minutes $1.25

VACATION SAFETY (E)

The film units are: (1) Water Safety in an Organized Camp—good swimming precautions. (2) Boating — correct methods of handling boats. (3) Safe Conditions in Camp — the dangers from broken glass and from poison ivy. (4) Fire Building — correct methods of building and extinguishing campfires.

i-j-h 15 minutes $1.25

VIRGINIA — THE OLD DOMINION (EB)

Depicts a region rich in geographic, commercial, and historic interest. Surveys "Tidewater Virginia" with its cities, land and sea products; "Piedmont Virginia"; the beautiful "Blue Ridge" country; the "fall line" cities and crops; the "Greater Valley" and its rich tributaries, showing scenic wonders, waterfalls, forests, and pulpwood products.

j-h-c 15 minutes $1.25

WANDERERS OF THE ARABIAN DESERT (FOC)

The picturesque, hardy, warlike Arab lives in the occasional stretches of fertile country in the Arabian desert. Here highly skilled horsemen breed and school the famous Arabian horse. Sheep and goats are herded in the hills. As they move from place to place, the women load the camels with goat-hair tents and unload them when the move is over. They also do the spinning, weaving and breadmaking, while the men school their horses or smoke and talk. When the meal of mutton stew and coffee is served, the women and children must eat what the men have left over. All these scenes give the picture interest, beauty, and variety.

i-j 15 minutes $1.25

WASHINGTON — THE CAPITAL CITY (EB)

Map and picture study of the Capital area, including Capitol and grounds, Library of Congress, Pennsylvania Avenue, and Columbus Memorial; White House section, including Treasury Building, State, War, and Navy Buildings, White House, Ellipse, and Pan-American Union Building; and the Mall, including Botanic Gardens, Smithsonian Institute, National Museum, Washington Monument, Tidal Basin, Potomac River, Lincoln Memorial.

i-c 15 minutes $1.25

WEATHER FORECASTING (EB)

The collection, tabulation, and interpretation of weather data obtained from observations and instruments. Data sent to headquarters is charted on a map. In animation, a procession of low and high pressure areas moves across the United States from west to east.

j-h-c 15 minutes $1.50

WEE SCOTCH PIPER, THE (FOC)

In this film use is made of the longing of a small boy, Ian, for a bagpipe to present some scenes from Scotland.

p-i 15 minutes $1.25

WEST COAST MOUNTAINS OF CANADA (NFBC)

The mountains which form a formidable barrier between the West Coast and the rest of Canada are a prolific source of minerals. The valleys between the ranges provide fertile farming soil, and the vast forests which clothe the mountainside are the basis for the prosperous lumber industry of British Columbia.

i-j-h 15 minutes $1.25

WHEAT TO BREAD (E)

Pictures primitive methods of making bread — a pioneer grist mill — a modern flour mill — a bakery, showing bread mixing, kneading, steaming, rising, baking.

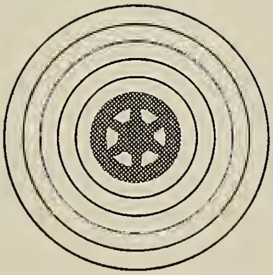
j-h-c 15 minutes $1.25

WORK OF UNDERGROUND WATER (FOC)

Presents a study of the geologic work of underground water and the expressions of the result in caves, sink holes, and natural bridges. Springs, artesian wells, and geysers are considered. Animated drawings are extensively used to explain the phenomena.

j-h-c 15 minutes $1.25

Description of Filmstrips



The filmstrips in this section are subject to the same mailing regulations as films. For information regarding mailing, insurances, etc., see the general information section in the front of this guide. FILMSTRIPS MAY NOT BE BORROWED UNDER THE CLUB PLAN. The prices listed with the descriptions are for one week's use just as in the case of films. Charges for extra days' use are double the one-week rate for use beyond one week up to two weeks, and triple for use beyond two weeks, up to four weeks. An insurance fee of $.05 is added to all service charges.

In cases where it is indicated that recordings come with the filmstrips, all recordings are 33⅓ r.p.m., unless otherwise noted.

ABOUT PEOPLE (ANTI, Color)

Points out the many ways in which people are alike the world over regardless of differences in physical characteristics, living habits, ways of doing things, etc.

a 63 frames $.50

ADDITION AND SUBTRACTION OF SIGNED NUMBERS (SVE)

Diagrams and photographs from the daily environment explain basic algebraic concepts and uses.

j-h 46 frames $.50

ADJUSTING VALVES (CAA)

Demonstrates recommended procedures for checking and adjusting valves and a method of emergency repair of a valve failure when no spare parts are available.

h-a 35 frames Handling charge, $.50

ADVANCED AIR NAVIGATION — THE CAA PROGRAM (CAA, Record) (Cleared for TV)

Explains in simple nontechnical language the actual operation of the system of air navigation and air traffic control aids proposed by the CAA. Includes the very high-frequency omnidirectional radio range (VOR), low frequency omnidirectional radio range (MOR) instrument landing system (ILS), slope line approach lighting system, offset course computer, distance measuring equipment (DME), precision approach radar, and surveillance radar.

h-c-a 89 frames 28 minutes Handling charge, $.50

ADVENTURES WITH ART MATERIALS (SVE, Color)

There Is Magic in a Wax Crayon
Let's Paint
We Like Clay
There Is Art in Cutting Paper
You Can Create with Finger Paint
It's Fun to Combine Art Materials

Six filmstrips showing use of standard art materials and tools to create interesting designs.

p-i-j Approx. 45 frames ea. $.50

AERIAL NAVIGATION — AERIAL SEXTANT: TYPE A-7 (CAA)

Describes the construction of the A-7 sextant and tells how to operate and properly care for it.

h-c-a 43 frames Handling charge, $.50

AERIAL NAVIGATION — AIR SWINGING AND CURVE DATA FOR THE SCR-269-ACG (CAA)

Using the method of "Air Swinging," tells how to determine the radio compass deviations for a particular aircraft and installation and how to plot these values as a curve to give the compass deviation corrections for any heading.

c-a 34 frames Handling charge, $.50

AERIAL NAVIGATION — CELESTIAL INSTRUMENTS: PART II — AERIAL SEXTANTS (CAA)

Explains the principle of the aerial sextant and describes the construction of the link bubble sextant, models A-11 and A-12. Tells how to operate and properly care for these models.

c-a 84 frames Handling charge, $.50

AERIAL NAVIGATION — CELESTIAL SPHERE AND TIME: PART II — CELESTIAL SPHERE (CAA)

Explains the concept of the celestial sphere and defines the terms used in celestial air navigation.

h-c-a 53 frames Handling charge, $.50

AERIAL NAVIGATION — DEAD RECKONING INSTRUMENTS: PART I — DRIFTMETERS (CAA)

Explains drift and its effect upon aircraft; tells what driftmeters are and how they function.

h-c-a 56 frames Handling charge, $.50

AERIAL NAVIGATION — DEAD RECKONING PROBLEMS — PART I: RADIUS OF ACTION — RETURNING TO SAME BASE (CAA)

Points out the factors which determine the radius of action and shows how to compute R/A.

h-c-a 17 frames Handling charge, $.50

AERIAL NAVIGATION — DEAD RECKONING PROBLEMS — PART II: RADIUS OF ACTION — RETURNING TO ALTERNATE OR MOVING BASES (CAA)

Shows how to obtain from a vector diagram the quantities needed to solve for time to turn (t) and distance to turn (R/A).

h-c-a 15 frames Handling charge, $.50

AERIAL NAVIGATION — ELEMENTARY DEAD RECKONING: PART I — EARTH'S SURFACE (CAA)

Explains the concept of longitude and latitude and how they are used to locate position of points on the earth's surface. Defines statute mile, nautical mile, rhumb line, etc., used in aerial navigation.

h-c-a 54 frames Handling charge, $.50

AERIAL NAVIGATION — INTERPRETATION OF A SINGLE "LOP" (CAA)

Explains the meaning of "lop," tells how it may be found, and when it can be used as a speed line or course line.

c-a 23 frames Handling charge, $.50

AERIAL NAVIGATION — OPERATION OF THE ASTRO-COMPASS (CAA)

Describes how to use the astro-compass to find deviation correction; how to align the astro-compass standard.

c-a 52 frames Handling charge, $.50

AERIAL NAVIGATION — RADIO NAVIGATION: PART I — INTRODUCTION AND AIDS TO RADIO NAVIGATION (CAA)

Explains briefly how the radio compass, loop antenna, radio range station, and broadcasting station are utilized in aerial navigation.

h-c-a 59 frames Handling charge, $.50

AERIAL NAVIGATION — RADIO NAVIGATION: PART III — RADIO BEARINGS (CAA)

Defines the terms true, relative, and reciprocal bearings; proceeds to show how to take and use radio bearings to obtain a fix.

h-c-a 42 frames Handling charge, $.50

AERIAL NAVIGATION — SECONDARY USES OF THE ASTRO-COMPASS (CAA)

Describes how the astro-compass is used to determine deviation correction using the astro-graph, to steer a required heading, to identify a star.

c-a 25 frames Handling charge, $.50

AERIAL TRAFFIC PATTERNS (CAA)

Depicts the aerial traffic patterns utilized by the AAF in its pilot training program.

c-a 47 frames Handling charge, $.50

AEROLOGY — NAVY QUIZ NO. 2 (CAA)

Explains basic cloud shapes and presents questions with possible choices given for correct answers to each. The questions deal with the type and meaning of cloud shapes at various altitudes, meaning of weather symbols, and other subjects relating to aerology.

j-h-c 91 frames Handling charge, $.50

AFTERNOON'S FUN, AN (CUR, Color)

On a rainy afternoon, Bob and Ann work and play quietly, making their own amusements. They brush the dog, oil their roller skates; Bob studies his Cub Scout Handbook while Ann plays with her dolls. Then Bob gets Mother's permission to ask Paul to come over and play. The three children sail boats made of walnut shells and have a quiet good time.

p 27 frames $.50

AGE OF EXPLORATION (LI, Color)

Drawings and photographs describe the voyages of discovery during the 15th and 16th centuries.

i-j-h-c-a 50 frames $.50

AHMED (STIL, Color)

Shows the daily life of Arab children.

p 30 frames $.50

AIR MASSES (CAA)

Explains in detail the formation of lows and highs; discusses rain, the formation of ice, and the occurrence of radiation, advection, and upslope fogs.

j-h-c 77 frames Handling charge, $.50

AIR OCEAN (CAA)

Discusses the nature of the earth's "air ocean" and the three basic atmospheric conditions which enable man to describe and forecast the weather in any place at any given time.

j-h-c 70 frames Handling charge, $.50

AIR PILOTAGE (CAA)

Explains how to read aeronautical maps and charts and how to plot a course between two points.

j-h-c 76 frames Handling charge, $.50

AIRCRAFT TACHOMETERS (CAA)

Explains the principles of operation, maintenance and points of installation of the four basic types of tachometers — the chronometric, centrifugal, electric voltmeter, and electric magnetic-drag — in general use by the Air Force.

h-c-a 65 frames Handling charge, $.50

AIRCRAFT TIRES — PART I: MAINTENANCE AND REPAIR (CAA)

Shows the different types of tires, tubes, and rims that make up a tire assembly; tools used in working with tires; precautions to be taken in working with tires to prevent failure and lengthen tire life; minor repairs on tubes; and the importance of periodic inspection and proper inflation.

a 35 frames Handling charge, $.50

AIRCRAFT TIRES — PART II: MAINTENANCE AND REPAIR (CAA)

Continues discussion of Part I.

a 57 frames Handling charge, $.50

AIRPLANE COCKPIT — INSTRUMENTS AND CONTROLS: PART I — PRIMARY (CAA)

Gives the name, function, and location of the cockpit instruments in the primary trainer (PT-19A) used by the AAF.

h-c-a 44 frames Handling charge, $.50

AIRPLANE COCKPIT — INSTRUMENTS AND CONTROLS: PART II — THE BT-13A, BASIC TRAINER (CAA)

Deals with the name, function, and location of the cockpit instruments in the BT-13A basic trainer.

h-c-a 40 frames Handling charge, $.50

AIRPLANE COCKPIT — INSTRUMENTS AND CONTROLS: PART III — ADVANCED SINGLE ENGINED (CAA)

Gives the name, function, and location of the cockpit instruments in the advanced trainer — single engined (AT-6) used by the AAF.

h-c-a 34 frames Handling charge, $.50

AIRPLANE ENGINE, THE (CAA)

Explains briefly the basic principle of operation of all internal-combustion gasoline engines, as well as the principle of four-stroke cycle operation.

j-h 28 frames Handling charge, $.50

AIRPLANE FLIGHT CONTROL SURFACES AND WING FLAPS (CAA)

Shows primary and secondary control surfaces and the function of control surfaces; covers the construction, maintenance, and inspection.

h-e-a 66 frames Handling charge, $.50

AIRPLANE IGNITION (CAA)

Shows the basic operating principles and maintenance of the ignition system.

h-e-a 61 frames Handling charge, $.50

AIRPLANES AT WORK (CUR, Color)

Pictures a passenger airplane trip. Includes buying tickets, handling baggage, servicing planes, types of planes for freight, coast guard, forestry service, and other work.

p 27 frames $.50

AIRPLANES AT WORK — (Pan American World Airways Educational Unit #3) (CAA, Color)

Shows the airplane as used in man's daily work. Two other films are included with Educational Unit #3: "Folk Arts and Crafts of Guatemala and Mexico" and "What Transportation Means to Guatemala."

p 25 frames Handling charge, $.50

AIRWAYS AIDS (CAA)

Traces briefly the development of airways, markers, and beacons; discusses some of the course lights, runway markers, and obstruction lights in use today.

h-c 69 frames Handling charge, $.50

ALASKA (SVE)

Presents a story of the opening of America's last frontier; a look at the boom-and-bust days of the great gold rush; an appraisal of Alaska's growing importance as a military outpost and supplier of raw materials.

i-j-h-c-a 81 frames $.50

ALASKA (INF)

Shows Eskimos and Indians, sealing, gold mining, fur trapping. Salmon fisheries, agriculture, etc., also shown.

i-j-h 42 frames $.50

ALICE AND JERRY READING SERIES — READING READINESS SET (SVE)

Tell Another Story
I Live in the City
I Live in the Country
Away We Go
Animals to Know

Five filmstrips

p Approx. 50 frames ea. $.50 ea.

ALPHABET ILLUSTRATED (STIL, Color)

Each letter of the alphabet is illustrated by means of familiar objects.

p 26 frames $.50

AMERICA AT WORK (EGH, Color)

Agriculture
Building for the Millions
How America Is Clothed
Iron and Steel
Commercial Fishing
Automobiles for Millions
The Motion Picture
Coal Mining
Lumbering

Our resources, our products of the fields, of the rivers, of the lakes, of the mountains, of our commerce, trade and industries are portrayed.

i-j Approx. 25 frames ea. $.50

AMERICA EXPANDS ITS BOUNDARIES (EGH, Color)

The Beginning of a New Nation
Crossing the Mountains — The Northwest Territory
Trail Blazers; The Louisiana Purchase
Covered Wagons Roll Westward; Crossing the Mississippi
Florida and the Texas Story
Winning the Southwest and Oregon Territory
54-40 or Fight; Winning the Northwest
Gold! On to California
The Last Frontier

A set of 9 filmstrips telling the story of the expansion of our country from thirteen small states fronting the Atlantic Ocean to a vast nation of forty-eight states stretching 3,000 miles from the Atlantic to the Pacific and is one of the dramatic highlights of our history. Describes the epic of our national growth.

i-j From 23 to 53 frames ea. $.50 ea.

AMERICAN BIRDS GUIDE (YA, Color)

Paintings of the 112 most familiar American birds are reproduced. Includes four films:

American Birds I
American Birds II
American Birds III
American Birds IV

i-j-h 28 frames ea. $.50 ea.

AMERICAN FARMER AND OUR FOOD SUPPLY (EGH, Color)

The American Farmer
Animals on the Farm
Machines on the Farm
Wheat for Bread
Truck Farming
Corn for All
Dairy Farming
Cattle Raising
Fruit Farming

Shows how the farmer markets his products, how railroads, airplanes, ships, trucks and roads help him in his work. What our government does to help the farmer is brought out in this series.

i-j Approx. 25 frames ea. $.50 ea.

AMERICAN INDIAN LIFE: INDIAN CEREMONIES (CUR, Color)

Dances and other ceremonies are presented for the new year, for planting, for rain, and for harvesting. Imitative animal dances, to acquire the wisdom and powers of the Indian's "brothers" in the animal kingdom, are shown, as well as a typical peace dance and war dance.

i-j 25 frames $.50

AMERICAN INDIAN LIFE: INDIAN CLOTHES (CUR, Color)

Shows the costumes of the Indians of the eastern woodlands, the western plains, the Pueblos, Navajos, and Seminoles.

i-j 25 frames $.50

AMERICAN INDIAN LIFE: INDIAN COMMUNICATIONS (CUR, Color)

Shows the use of symbols, trail signs, fire signals, sign language, and the syllabary written for the Cherokee language by Sequoia.

i-j 25 frames $.50

AMERICAN INDIAN LIFE: INDIAN CRAFTS (CUR, Color)

Shows the making of a dugout canoe, preparation of skins, basketry, pottery, and weaving.

i-j 25 frames $.50

AMERICAN INDIAN LIFE: INDIAN DECORATION (CUR, Color)

Shows the Indians' love of decoration, and their use of different materials throughout the country. Paint, porcupine quills, moosehair, and beads were used. Decoration on clothing, pottery, baskets, blankets, peace pipes, and houses copied colors and forms found in nature.

i-j 25 frames $.50

AMERICAN INDIAN LIFE: INDIAN FOOD (CUR, Color)

Shows how various groups of Indians hunted and raised food, cooked it, and preserved it for later use.

i-j 25 frames $.50

AMERICAN INDIAN LIFE: INDIAN GAMES (CUR, Color)

Stresses Indian games and amusements that can be played by children today. Both team games and individual games are shown, including skill games, varieties of hockey, soccer, and lacrosse, individual guessing games, swings, stilts, jacks, quoits, bean shooters, and tops.

i-j 25 frames $.50

AMERICAN INDIAN LIFE: INDIAN HOUSES

Illustrates how Indians throughout the country built their houses of materials they could easily obtain.

i-j 25 frames $.50

AMERICAN INDIAN LIFE: INDIAN TRANSPORTATION (CUR, Color)

Shows the use of canoes, sleds, the travois of the plains region, horses, burros and other means of transportation.

i-j 25 frames $.50

AMERICAN LITERATURE — NEW ENGLAND (MUF, Color)

Like the golden age of Greece, New England's period of real greatness can be marked. This was in the nineteenth century when Lowell, Longfellow, Melville formed a community of great minds. This strip tells how this community came about and what effect it had upon the formation of the American character.

j-h 40 frames $.50

AMERICAN REVOLUTION, THE (LI)

A *Life* magazine filmstrip which covers the period from early American protests to inauguration of George Washington.

i-j-h 62 frames $.50

AMERICAN WILDFLOWERS GUIDE (YA, Color)

Paintings of 134 of the most familiar American flowers are reproduced. Includes four filmstrips:

American Wildflowers #1
American Wildflowers #2
American Wildflowers #3
American Wildflowers #4

i-j-h 33 frames $.50

AMERICANS ALL (INF)

Presents picture biographies of men and women who helped build America, including Jefferson, Franklin, Washington, Boone, Audubon, Mann, Longfellow, Lincoln, Barton, Clemens, Bell, Edison, Burbank, Reed, Roosevelt, Jane Addams, and others.

i-j-h 37 frames $.50

AMERICA'S RESPONSIBILITIES — IN A WORLD DIVIDED (NYT)

Shows the reasons why we remained so long in a state of virtual political isolation, and outlines, the factors which at length compelled us to take up the responsibilities which were inevitable corollaries of our economic power. Pictures and text illustrate the fundamental conflict between the democratic and totalitarian concepts, and touch upon some of the dangers inherent in great power.

h-c-a 50 frames $.50

AMOS AND HOSEA (AN)

Sets forth the messages of Amos and Hosea.

h-c-a 32 frames $.50

ANIMAL LIFE: FISH (CUR, Color)

Illustrates how fish breathe and eat in the water, how they balance and swim, etc. The goldfish is used as an example.

p 27 frames $.50

ANIMAL STORIES (JH, Color)

Rings, the Raccoon
The Lazy Bear Cub
Brush, the Red Squirrel
Mrs. Cackles Becomes a Good Citizen
Hoppy, the Rabbit
The Adventure of Pete and His Dog

Depicts the delightful adventures of animals familiar to primary children.

p Approx. 26 frames ea. $.50

ANIMALS AND THEIR WAYS (EGH, Color)

Animal Babies and Families
Animals Struggle to Live
Insects and Their Way of Life
Animal Pests
Animals of Far Away Lands
We Protect Animals
Animals Fit Themselves to Their Surroundings
Animals of Our Continent
Care of Animals

Develops habits of careful observation among pupils, stresses elementary scientific principles and integrates the facts of science including their social implications.

p-i-j Approx. 25 frames ea. $.50

ANIMALS AROUND THE WORLD (PS, Color)

Classifies animals as flatfoots, toe-walkers, and toenail walkers. Shows detailed iluustrations of the tracks they make and how to identify them. Includes the gray squirrel, snow-shoe rabbit, raccoon, skunk, beaver, bear, cat, dog, red fox, cow, horse, pig, goat, and white-tailed deer.

p 39 frames $.50

ANIMALS OF THE POND (CUR, Color)

Bob finds a frog, a toad, snails, and newts and examines them on a glass-topped table; then he takes them back to the pond, since they are hard to keep as pets. Includes many close-up pictures from all angles.

p 24 frames $.50

ANIMALS TO KNOW (SVE)

Presents stories to prepare children for the first grade.

p 43 frames $.50

ANN VISITS THE ZOO (CUR, Color)

At the zoo Ann sees many common and rare animals including large animals, bears, mountain goats, and pets.

p 26 frames $.50

APOSTROPHE AND QUOTATIONS (CUR, Color)

Drawings illustrate the purpose and use of the apostrophe and quotation marks. Includes exercises for class participation.

j-h-c 54 frames $.50

APPALACHIAN HIGHLANDS (YA, Color)

Deals with the physical and human geography of the Appalachian Highlands.

i-j-h 45 frames $.50

APPROACH CONTROL (CAA, Record, Color)

Explains the purpose and operation of Approach Control. Follows step-by-step procedures and phraseology in landing a plane.

h-c-a 54 frames 12 minutes
Handling charge, $.50

APPROACH: SALESMANSHIP (McGH)

One of a series on salesmanship, showing importance of correct approach to possible sale. Correlated with film of the same title.

h-c-a 28 frames $.50

ART AND THE CRAFTS SERIES (CHAB)

Ceramics
Leatherwork and Whittling
American Braiding Craft
Native Crafts
You Can Make Jewelry — Part I
You Can Make Jewelry — Part II
Art in Nature
Art Has Many Uses

Eight filmstrips dealing with materials, tools and processes for projects related to crafts indicated in the individual titles. Indicates step-by-step procedures for completing a project. Deals with proper use and care of tools and the variety of materials which can be used.

i-j-h Approx. 40 frames ea. $.50 ea.

ARTIFICIAL RESPIRATION (SVE)

Demonstrates how to give artificial respiration to a face-down victim by Schafer's method and to a face-up victim by Silvester's method. Emphasizes the necessity for perseverance in applying artificial respiration.

i-j-h-c-a 52 frames $.50

ARTIST PORTRAYS THE OIL INDUSTRY (STO, Color)

A group of American painters have recorded their personal impressions of the story of oil.

j-h-a 43 frames $.50

ARTISTS OF MANY LANDS AND MANY TIMES (EGH, Color)

Greek Art and Artists
Albrecht Durer
Daumier and His Prints
Japanese and Chinese Art
Raphael
Artists and Artisans
Leonardo da Vinci
Cezanne
Michelangelo

Nine filmstrips showing how the artist reflects his cultural climate and times in his painting. The stress is on the interaction of the artist and his society and not upon techniques.

p-i-j-h Approx. 25 frames ea. $.50

AS YOU LIKE IT (YA)

Presents excerpts from the feature film.

h-c 50 frames $.50

ASPIRATION — STATEHOOD (NYT)

Includes two sections — the first on Hawaii, the second on Alaska. Deals with the history, geography, people, and economy of each and traces the arguments for and against statehood.

h-c-a 55 frames $.50

AT HOME (CUR, Color)

Presents original stories, intended as a basis for discussion of desirable social conduct and attitudes in situations familiar to children.

p 27 frames $.50

ATLANTIC PLAIN AND PIEDMONT (YA, Color)

Deals with the physical and human geography of the Atlantic Plain and Piedmont Plateau.

i-j-h 45 frames $.50

ATOM, THE (LI, part Color)

Presents a simple explanation of the structure and behavior of the atom. Demonstrates the progress of deductive reasoning which had first to prove the existence of atoms, and has since led to their analysis, measurement and classification.

h-c-a 55 frames $.50

ATOMIC ENERGY: PROBLEMS OF INTERNATIONAL CONTROL (McGH)

Presents, in three parts: how the United Nations Atomic Energy Commission was established and its tasks; proposals — main plans for international control of atomic energy as presented by the various governments with arguments for and against each; review of the main areas of disagreement.

h-c-a 88 frames $.50

AUDIO-FREQUENCY AMPLIFICATION (CAA)

Describes the theory and practice of amplification of the audio wave.

h-c-a 25 frames Handling Charge, $.50

AUTHORS OF MANY LANDS AND MANY TIMES (EGH Color)

Homer, the Greek Writer of Epics
Miguel De Cervantes, the Creator of "Don Quixote"
William Shakespeare, the Immortal Dramatist
Alighieri Dante, the Italian Poet of Visions
Hans Christian Andersen, Writer of Lovely Tales
Charles Dickens, Novelist Who Effected Many Reforms
Alexandre Dumas, Writer of Adventure
Edgar Allen Poe, Poet and Great Short Story Writer
Mark Twain, America's Famous Humorous Writer

Shows children glimpses into the lives of nine world famous poets and writers, men who created masterpieces that have delighted old and young for years.

p-i-j Approx. 25 frames ea. $.50 ea.

AUTOMOTIVE MECHANICS NO. 1 (JH)

KIT A — THE FUNDAMENTALS OF THE INTERNAL COMBUSTION GASOLINE ENGINE

The Four-stroke Cycle Internal Combustion Engine — Part 1 (42 frames)
The Four-stroke Cycle Internal Combustion Engine — Part 2 (71 frames)
Multiple Cylinder Engines (48 frames)
The Carburetor (146 frames)
Fuel Feed Systems (56 frames)
The Ignition System (70 frames)
Engine Lubricating Systems (63 frames)
The Cooling System (73 frames)

KIT B — PRINCIPLES OF POWER TRANSMISSION

Mechanical Linkage (53 frames)
The Clutch (55 frames)
The Transmission (60 frames)
The Differential (39 frames)
Completing the Transmission of Power (38 frames)
Rear Axles (47 frames)

KIT C — MOBILITY FACTORS

Bearings (55 frames)
Wheels, Rims, and Tires (63 frames)
Brake Drums and Shoes (77 frames)
Brake Operating Linkage (46 frames)
Hydraulic Brakes (62 frames)
Power Brakes (86 frames)
Springs (91 frames)
Shock Absorbers (50 frames)
Front Axles and Steering Gear (70 frames)
Wheel Alignment and Balance (110 frames)

KIT D — ELECTRICAL SYSTEM

Electricity and the Storage Battery — Part 1 (95 frames)
Electricity and the Storage Battery — Part 2 (68 frames)
The Generator (108 frames)
Current and Voltage Regulation (103 frames)
The Starting Motor (87 frames)
Chassis Electrical Systems (44 frames)

KIT E — GENERAL SERVICE

Ignition Trouble (116 frames)
Engine Tune-up — Part 1 (64 frames)
Engine Tune-up Part 2 (80 frames)
Power Transmission Trouble (68 frames)
Safety Factors (77 frames)

The photographs, drawings, and charts offer instructions on the mechanical principles and operation of the automobile.

KIT A — 8 filmstrips
KIT B — 6 filmstrips
KIT C — 10 filmstrips
KIT D — 6 filmstrips
KIT E — 5 filmstrips

h-c-a $.50 per filmstrip

AUTOMOTIVE MECHANICS NO. 2 (JH)

KIT A — SERVICING THE ENGINE ASSEMBLY

Engine Tune-up (57 frames)
The Engine (57 frames)
The Down-draft Carburetor — Part 1 (63 frames)
The Down-draft Carburetor — Part 2 (49 frames)
The Up-draft Carburetor (41 frames)
Modern Valve Reconditioning (57 frames)
The Cooling System (43 frames)

KIT B — SERVICING THE POWER TRANSMISSION UNITS

The Syncro-mesh Transmission (127 frames)
The 4-Speed Transmission (73 frames)
The Clutch — Part 1 (55 frames)
The Clutch — Part 2 (46 frames)
The Hypoid Rear Axle (124 frames)
The Full-floating Rear Axle — Part 1 (39 frames)
The Full-floating Rear Axle — Part 2 (56 frames)
The 2-Speed Rear Axle (85 frames)

KIT C — SERVICING THE MOBILITY FACTORS

Knee-action — Part 1 (Prior to 1939) (31 frames)
Knee-action — Part 2 (Prior to 1939) (61 frames)
Knee-action — Part 3 (1939, 1940, and 1941) (58 frames)
Hydraulic Brakes (131 frames)
Vacuum Power Brakes (43 frames)
Shock Absorbers (58 frames)
The Steering Gear (116 frames)
Wheel Alignment — Conventional Axles (60 frames)
Wheel Alignment — Dubonnet Type Knee-action (54 frames)
Wheel Alignment — 1939 Knee-action (48 frames)
Wheel Balancing (58 frames)

KIT D — SERVICING THE ELECTRICAL SYSTEM

The Wiring System (55 frames)
The Ignition System (65 frames)
The Generator Regulator (77 frames)

KIT E — GENERAL SERVICE AND SHEET METAL REPAIR

The Vacuum Gearshift (150 frames)
Cab-over-engine Trucks (68 frames)
Metal Bumping and Hot Shrinkage (54 frames)
Major Body Repairs (86 frames)
Turret Tops — Part 1 (Repair) (63 frames)
Turret Tops — Part 2 (Replacement) (136 frames)

Care and repair of passenger cars and trucks are outlined.

KIT A — 7 filmstrips
KIT B — 8 filmstrips
KIT C — 11 filmstrips
KIT D — 3 filmstrips
KIT E — 6 filmstrips

h-c-a $.50 per filmstrip

AUXILIARY VIEWS: PART I (McGH)

Presents excerpts from the motion picture with the same title, and is correlated with the book *Mechanical Drawing* by Thomas E. French.

h-c-a 32 frames $.50

AUXILIARY VIEWS: PART II (McGH)

Presents excerpts from the motion picture with the same title, and is correlated with the book *Mechanical Drawing* by Thomas E. French.

h-c-a 34 frames $.50

AUXILIARY VIEWS: SINGLE AUXILIARIES (McGH)

Is based on the motion picture with the same title, and is correlated with the book *Engineering Drawing* by Thomas E. French.

c-a 38 frames $.50

AUXILIARY VIEWS: DOUBLE AUXILIARIES (McGH)

Is based on the motion picture with the same title, and is correlated with the book *Engineering Drawing* by Thomas E. French.

c-a 26 frames $.50

AVIATION EDUCATION AND THE SCHOOL'S PUBLIC RELATIONS PROGRAM (CAA)

Is one of a series of five developed as supplementary aids to the American Council on Education publication "Aviation Education: An Approach to a Modern Curricular Problem."

c 14 frames Handling charge, $.50

AVIATION IN THE COMMON LEARNINGS COURSE AT THE SECONDARY SCHOOL LEVEL (CAA)

Is one of a series of five developed as supplementary aids to the American Council on Education publication "Aviation Education: An Approach to a Modern Curricular Problem."

c 14 frames Handling charge, $.50

AVIATION IN THE EXPERIENCE CURRICULUM AT THE ELEMENTARY SCHOOL LEVEL (CAA)

Is one of a series of five developed as supplementary aids to the American Council on Education publication "Aviation Education: An Approach to a Modern Curricular Problem."

c 12 frames Handling charge, $.50

AVIATION'S EDUCATIONAL IMPLICATIONS (CAA)

Is one of a series of five developed as supplementary aids to the American Council on Education publication "Aviation Education: An Approach to a Modern Curricular Problem."

c 16 frames Handling charge, $.50

AWAY WE GO (SVE)

Presents stories for children preparing for Grade One.

p 46 frames $.50

BABIES OF FARM AND HOME (CHS, Color)

A boy visits his grandfather's farm while his mother is in the hospital with his new baby sister. On the farm he gets acquainted with all the farm animals and the animal babies. He sees how God has planned for them to live in families too. He returns home to see his new baby sister with a new appreciation for his home and family.

p-i 38 frames $.50

BAKER, THE (SVE)

Depicts the visit of a nine-year-old boy to a modern bread bakery. Then his sister visits a small neighborhood bakery where she sees how cakes, cookies, etc., are made.

p-i 40 frames $.50

BAKERY, THE (CUR, Color)

Shows how bread is baked, step-by-step, and how people in a community are dependent on bakeries.

p-i 25 frames $.50

BASIC ALGEBRA SERIES (SVE)

Introduction to Algebra
Graphs
Introduction to Signed Numbers
Formulas
Introduction to Equations
Addition and Subtraction of Signed Numbers
Multiplication and Division of Signed Numbers

Simplifies difficult algebraic concepts. Shows relationship between arithmetic and algebra and everyday use of algebra. Ideal for introductory and review.

j-h Approx. 50 frames ea. $.50 ea.

BASIC ANGLES AND EXPERIMENTAL GEOMETRY (SVE)

Photographs from the daily environment plus original illustrations explain basic geometric terms and concepts.

j-h 52 frames $.50

BASIC BIOLOGY (SVE, Color)

What Makes Up a Flower Family
Structure of Flower Plants
Identifying Parasitic Plants
Plant and Animal Life Under the Sea
The Kinds of Plants
Life of a June Bug and a Cicada

Portrays identifying characteristics, structure, and growing habits, and habitat of some of the more common trees, flowers, and bugs.

p-i Approx. 40 frames ea. $.50 ea.

BASIC BIRD STUDY (JH)

The Structure of Birds
Adaptations of Birds
Birds' Nests
The Migrations of Birds
How Birds Serve Man
Helping the Birds

Illustrates how birds are well fitted for the lives they live by showing the bird's general structure and adaptations of different types of feet, beaks, and wings.

i-j Approx. 60 frames ea. $.50 ea.

BASIC ELECTRICITY (JH)

Magnetism
Static Electricity
Current Electricity
The Electric Cell
The Storage Battery
Electromagnetism
The Generator
Alternating Current
Electric Motors
Electric Meters
Applications — Part I
Applications — Part II

Presents the basic principles and theories of electricity in an interesting and comprehensive manner.

h 60-75 frames ea. $.50 ea.

BASIC FIRST AID (SVE)

Introduction to First Aid
The Human Body
Dressings, Bandages, and Slings
Application of Bandages
Diagnosis of Fractures
Treatment of Fractures
Joints, Muscles, Nervous Systems
Internal Injuries and Special Hemorrhages
Insensibility (no breathing)
Artificial Respiration
Insensibility (breathing present)
Poisons
Miscellaneous Injuries
Routine Examination of Victim
Transport with Stretcher
Transport and Reception
Shock
Circulation and Types of Wounds
Treatment of Wounds

A set of 19 filmstrips indicating essential treatments in first aid, lists nature and care of supplies and explains basic anatomy. Teaches proper methods of treating emergency cases. Useful as a basic text material in first aid courses, correlated with basic first-aid training programs, study of physiology.

i-j-h-c-a Approx. 50 frames ea. $.50 ea.

BASIC NATURE STUDY (SVE, Color)

How to Recognize Birds
How Birds Are Fitted for Their Work
How Insects Live and Grow
How to Identify Moths and Butterflies
Life Cycle of the Monarch Butterfly
Life of the Honeybee
Frogs, Toads, and Turtles, and How They Grow
Snakes and Lizards You Should Know
Identifying Common Trees
How Flowering Plants Grow and Reproduce

Indicates characteristics, living habits, special adaptations of some of our most common birds, insects and reptiles.

i-j-h Approx. 30 frames ea. $.50 ea.

BASIC READING SERIES — FIRST GRADE SET (LB, Color)

We Go to School
Reading Readiness Skills Development
We Learn to Read
Making Story Book Friends — Part I
Making Story Book Friends — Part II
Up the Reading Road
On the Way to Story Land — Part I
On the Way to Story Land — Part II

p Approx. 40 frames ea. $.50 ea.

BASIC SHOP SAFETY (JH)

Play Safe and Work Safely
Maintaining a Safe Shop
Safety Inspection
Training for Emergencies
Treatment for Bleeding, Shock, Preventing Infection
Aid for Injuries, Fainting, Burns
Eye Protection
Power Supply

Presents a complete safety program for wood and metal shops.

h-c-a 50-120 frames ea. $.50 ea.

BASIC TRIANGLES (SVE)

Photographs from the daily environment plus original illustrations explain basic geometric terms and concepts.

j-h 45 frames $.50

BASIC WEATHER (SVE)

Why Does the Wind Blow?
Why Does the Weather Change?
Why the Seasons?
Why Does It Rain, Snow, Hail, and Sleet?

Explains basic scientific principles responsible for our climate and daily weather changes.

i-j-h Approx. 50 frames ea. $.50 ea.

BEACH BIRDS (STIL, Color)

Pictures the common birds found along the shore.

p-i 32 frames $.50

BEEF CATTLE SERIES (COLF, Color)

Selection of Breeding Beef Cattle
Fitting and Showing Beef Cattle

Illustrates the points which should be considered in making this selection and also excellent examples of the desirable physical characteristics. Also shows the various steps necessary in grooming and showing beef cattle.

h-c-a 69 and 68 frames $.50 ea.

BEGINNING NATURE STUDY (SVE, Color)

Birds of Our Community
Bird and Animal Babies
Farm Animals and Pets
Homes of the Birds
Animals of the Zoo
Wild Flowers Everyone Should Know
Backyard Insects

Points out natural habitat of our more common birds, insects, animals, and wild flowers, how they live, how they are protected from their enemies, and their identifying characteristics.

p-i Approx. 30 frames ea. $.50 ea.

BEGINNING SPORT SERIES (SVE, Color)

Archery — 4 filmstrips
Badminton — 6 filmstrips
Baseball — 7 filmstrips
Basketball — 7 filmstrips
Bowling — 3 filmstrips
Golf — 4 filmstrips
Softball — 8 filmstrips
Tennis — 5 filmstrips
Tumbling — 3 filmstrips
Volleyball — 4 filmstrips

Photographs, drawings, and diagrams present the development and origin, theory values, body position, rules, playing procedures, and equipment of the sport.

i-j-h-c 50-60 frames per filmstrip
$.50 per filmstrip

BENCH WORK (JH)

Hand Tools
Hand and Power Hack Saws
Drills and Drilling
Reaming, Tapping, and Threading
Finishing Rough Castings
Scraping
Rivets and Riveting
Layout Tools and Measuring Instruments
Layout Work — Part 1
Layout Work — Part 2

Using photographs and drawings, the tools, equipment, procedures and methods used in bench work are demonstrated.

h-c-a 60-80 frames ea. $.50 ea.

BETTER STUDY HABITS SERIES: IMPROVE YOUR HANDWRITING (YA, Color)

Art work illustrations tell why this study skill is important to the student's present and future work, and explains how he can improve in that skill.

i-j 45 frames $.50

BETTER STUDY HABITS SERIES: IMPROVE YOUR HANDWRITING (YA, Color)

Tells why this study skill is important to the student's present and future work, and explains how he can improve in that skill.

i-j 45 frames $.50

BETTER STUDY HABITS SERIES: IMPROVE YOUR PUNCTUATION (YA, Color)

Tells why this study skill is important in the student's present and future work, and explains how he can improve in that skill.

i-j 45 frames $.50

BETTER STUDY HABITS SERIES: IMPROVE YOUR READING (YA, Color)

Tells why this study skill is important to the student's present and future work, and explains how he can improve in that skill.

i-j 45 frames $.50

BETTER STUDY HABITS SERIES: IMPROVE YOUR SPELLING (YA, Color)

Tells why this study skill is important to the student's present and future work, and explains how he can improve in that skill.

i-j 45 frames $.50

BETTER STUDY HABITS SERIES: IMPROVE YOUR STUDY HABITS (YA, Color)

Tells why this study skill is important to the student's present and future work, and explains how he can improve in that skill.

i-j 45 frames $.50

BETTER STUDY HABITS SERIES: IMPROVE YOUR VOCABULARY (YA, Color)

Shows how a good vocabularly helps to communicate thoughts and ideas. Presents basic rules for vocabulary improvement.

i-j 45 frames $.50

BIG SHOW AT THE CIRCUS (CUR, Color)

A story of the "Big Show" emphasizes the performers themselves, who come from different parts of the world, and contribute their talents to a pleasurable performance.

p 29 frames $.50

BIGGEST FROG IN THE WORLD (EGH)

Bob sees a large frog and tries to catch it. When he tells Ann about "the biggest frog in the world" she suggests that he is exaggerating. Determined to show her, Bob gets advice from Uncle Walt, and catches the frog; then Bob takes it back to the river and lets it go because he says, "This is the best place for you."

p 27 frames $.50

BILLS AND FEET OF BIRDS (SVE)

Discusses the differences that occur in the feet and beaks of various birds and the adaptations of each. Includes the loon, cormorant, tern, bol, kite, vulture, grosbeak, ptarmigan, hummingbird, avocet, etc.

i-j-h 26 frames $.50

BILL'S SCOOTER (CUR, Color)

Bill's friends help him build a scooter out of an old skate and a grocery box; then Bill can play with them. Stresses the points that children make their own toys, help one another, are courteous and helpful to their parents.

i 29 frames $.50

BIRDS (EGH, Color)

Shows the chief characteristics of birds. Chickens are presented as typical birds, to show how eggs are laid, incubated, hatched, and how birds grow.

p 27 frames $.50

BIRDS AND THEIR NESTS (SVE)

Shows the nesting habits of some common birds, including the killdeer, nighthawk, dove, owl, meadowlark, blackbird, shrike, woodpecker, cliff swallow, eagle, etc.

i-j-h 26 frames $.50

BIRD STUDIES FROM COAST TO COAST (SVE)

Concerns the distribution and activities of various birds — their nesting habits, food, and other facts. Includes hawk, shrike, owl, tern, gull, killdeer, meadowlark, nighthawk, dove, horned lark, hummingbird, etc.

i-j-h 32 frames $.50

BIRDS OF THE ZOO (CUR, Color)

Pete Pelican tells about his friends in the zoo — the other large birds. Sequences on wings, legs, necks, and feathers show the wide variety of bird adaptations.

p 25 frames $.50

BLACK BEAR TWINS (EB)

Two young, mischievous bears romp in the forest, seek food, raid a camp, explore a wild bee's nest — and then nurse their stings.

p-i-j 69 frames $.50

BLACKSMITH, THE (CUR, Color)

Pictures the blacksmith's shop, reconstructed at the Farmer's Museum, Cooperstown, N.Y.

i-j 26 frames $.50

BLEEDING HYDRAULIC BRAKES (CAA)

Indicates three general types of hydraulic airplane brakes and explains the need for bleeding these brakes when air gets into the line. Shows step-by-step how to bleed each type.

h-a 63 frames Handling charge, $.50

BOB OSBORN, FARM BOY (CUR)

All year long, Bob is busy working in the fields or with the cows. Fall is his busiest season since many crops must be harvested, but in any season his recreations are few and he is tired at the end of the day's work.

p 25 frames $.50

BOB'S GOLDFISH (EGH)

Bob and Uncle Walt visit a tropical fish hatchery and see many kinds of fish. Bob learns how goldfish were bred, and gets a goldfish to keep. He takes the fish home and shows how to care for it properly.

p 27 frames $.50

BODY CARE AND GROOMING (McGH)

Shows that good grooming begins with personal care, and describes daily habits that can help everyone to make the most of his natural endowments. Demonstrates how to keep the skin, hair, nails, and teeth clean and healthy.

e-a 45 frames $.50

BODY FIGHTS BACTERIA (McGH)

Shows how the body sets up defenses against pathogenic bacteria, and stresses the roles of immunization and healthful living in protecting the body against disease.

e-a 31 frames $.50

BOOKKEEPING CYCLE, THE—PART I — POSTING THE OPENING ENTRY (SVE, Color)

Explains the steps in posting journal entries and work at the close of the fiscal year.

h 42 frames $.50

BOOKKEEPING CYCLE, THE — PART II — JOURNAL ENTRIES AND TRIAL BALANCE (SVE, Color)

Explains in logical order the steps in posting journal entries and work at the close of the fiscal year.

h 46 frames $.50

BOOKKEEPING CYCLE, THE — PART III — WORK AT THE CLOSE OF FISCAL YEAR (SVE, Color)

Shows the steps taken in posting journal entries and work at the close of the fiscal year.

h 51 frames $.50

BOY AND HIS GOAT (YA, Color)

Presents a children's story in art work by a leading illustrator of children's literature.

p 35 frames $.50

BRAKE AND LANDING GEAR MECHANISM INSPECTION: PART I (CAA)

Shows checking points of service on fixed landing gears, inspecting supporting struts, inspecting shock absorber struts, inspecting and servicing brake assembly, inspecting tires, inspecting the tail wheel.

h-a 37 frames Handling charge, $.50

BRAKE AND LANDING GEAR MECHANISM INSPECTION: PART II (CAA)

Shows inspecting and servicing retractable landing gear mechanism, explaining operating mechanism, checking struts and hinges, checking locking device, checking mechanical latch system, checking struts, checking Bungee assembly, checking oleo strut, checking hydraulic brakes.

h-a 70 frames Handling charge, $.50

BREAD (SVE)

Emphasizes the importance of bread. Shows new ideas, methods of use, and recipes including bread.

j-h-c 50 frames $.50

BRINGING THE COMMUNITY TO THE CLASSROOM (WU)

Shows the many ways in which one teacher calls upon the community to teach a specific unit of work. Also illustrates how other teachers in various curriculum areas may bring community resources to the school so that instruction may be of maximum effectiveness.

c-a 45 frames $.50

BROADER CONCEPT OF METHOD — PART I: DEVELOPING PUPIL INTEREST (McGH)

Presents a picture of the teacher-dominated, lesson-hearing type of recitation, and shows typical effects of this method on student attitudes, responses, and learning; and compares formal recitation with the informal, group-discussion type of class sessions in which students are permitted to share in the planning of their work.

c-a 33 frames $.50

BROADER CONCEPT OF METHOD — PART II: TEACHER AND PUPILS PLANNING AND WORKING TOGETHER (McGH)

Shows the activities of students who are learning to work together, to organize themselves into functional groups, to make and carry out plans for investigation, to present their findings and recommendations in a report, and to put into practice some of their recommendations. Indicates how the teacher can provide tactful guidance in the solution of difficulties.

c-a 37 frames $.50

BUFFALO AND WESTWARD EXPANSION (MUF, Color)

Tells what happened as emigrants swept westward, often following the old buffalo trails. It tells what happened to the buffalo as the white man entered his domain, how buffalo hunting became a large business and was responsible for the growth of towns. Presents the basic facts concerning westward expansion and development of the Great Plains area with the buffalo motivating the student's interest.

j-h 40 frames $.50

BUILDING A HOUSE (CUR, Color)

Surveys the important steps in building a typical rural home with emphasis on workmen, their tools and materials.

p 30 frames $.50

BUILDING A NEW NATION (EGH, Color)

Spain in the New World
French Settlements in the New World
England in the New World
Other English Settlements
Dutch and Swedes in the New World
Life in the English Colonies
The Battle for Control in the New World
A New Nation Is Born

A set of 6 filmstrips covering the period starting with the backgrounds to colonization up to and including the American Colonies on the eve of the Revolution.

i-j Approx. 24 frames ea. $.50 ea.

BUILDING FOR THE MILLIONS (EGH, Color)

Contrasts construction in earlier days with that of 1952; shows how modern machines have helped the building industry grow; and pictures various types of homes. Explains that in 1937 the United States Housing Authority was established to help, through loans, in clearing slums and building homes for people with low incomes.

i-j 26 frames $.50

BULLETIN BOARDS AT WORK (WU)

Outlines the use of the bulletin board as a teaching aid. Stresses the point that the planned bulletin board is most effective. Shows bulletin boards can be used for many teaching purposes — to inform, to clarify, to stimulate. Contains many actual bulletin boards to illustrate these various uses. Rules for good layout of different types of bulletin boards are also presented.

c-a 42 frames $.50

BUSES AT WORK (CUR, Color)

Shows types of buses, including school bus, urban bus, trackless trolley taxi, etc., and detailed sequences of buying tickets and handling baggage.

p 27 frames $.50

BUSINESS EDUCATION SERIES: EFECTIVE BUSINESS CORRESPONDENCE (YA, Color)

Explains how the secretary (typist) can produce more effective business letters. Illustrates acceptable styles for business letters, gives tips for efficient work, and treats some of the more common faults found in business correspondence.

h-c-a 37 frames $.50

BUSINESS EDUCATION SERIES: FILES AND FILING (YA, Color)

Explains the importance of good filing procedures and proper equipment, the essentials of a basic filing system, the different types of filing systems, and how to file material most efficiently. Gives tips to help in filing.

h-c-a 40 frames $.50

BUSINESS EDUCATION SERIES: GETTING A JOB AND KEEPING IT (YA, Color)

Tells the secretarial worker how to go about finding a job, and some of the things that play an important part in keeping the job once it is obtained. Emphasizes the duties and practices considered desirable by any office and any employer.

h-c-a 43 frames $.50

BUSINESS EDUCATION SERIES: SECRETARY AS A RECEPTIONIST (YA, Color)

Describes the duties of the secretary as a receptionist for her employer — how to meet and handle visitors, how to schedule appointments, and how to act in other similar capacities for her employer.

h-c-a 40 frames $.50

BUSINESS EDUCATION SERIES: PROPER HANDLING OF CHECKS (YA, Color)

Explains the function of the check, and traces the history of a check through a typical business transaction. Shows how to make out a check, and tells how it is handled in bookkeeping procedures.

h-c-a 45 frames $.50

BUSINESS EDUCATION SERIES: THE TRADE ACCEPTANCE (YA, Color)

Explains the nature and function of the trade acceptance in business. Traces the history of a trade acceptance through a typical business transaction. Shows how to make it out correctly, and how it is handled in the bookkeeping procedures of both parties.

h-c-a 37 frames $.50

BUTTERFLIES AND MOTHS (SVE)

Shows identifying characteristics of moths and butterflies in general, as well as specific information about several well-known species. Various stages in the life cycle of each are discussed.

i-j-h 42 frames $.50

BUTTERFLIES (STIL, Color)

Shows the life history of different types of butterflies, from cocoon to adult.

i-j 30 frames $.50

CAA COMMUNICATIONS SYSTEM (CAA, Record, Color)

Explains the operations and functions of various facilities used in the CAA communications system.

h-c-a 50 frames 17 minutes
Handling charge, $.50

CANADA: A NATION GROWS (NYT)

Outlines the importance of Canada to the United States and the rest of the free world. Sections follow on the people, the land, political growth, and economic progress.

j-h-c-a 55 frames $.50

CAPACITIVE REACTANCE (CAA)

Explains the basic theory of capacitive reactance and its application to radio instruments.

h-c-a 29 frames Handling charge, $.50

CAPITALIZATION (SVE, Color)

Drawings illustrate the purpose and use of correct capitalization. Includes exercises for class participation.

j-h-c 47 frames $.50

CARE AND REPAIR OF FLIGHT CONTROLS (CAA)

Shows step-by-step how to inspect the flight controls and determine their condition; indicates under what circumstances it may be necessary to replace or repair them.

a 68 frames Handling charge, $.50

CAROL'S APARTMENT HOUSE (CUR, Color)

Shows what life in a city apartment house is like for a typical city child.

p 25 frames $.50

CARRY FREIGHT (CUR, Color)

Shows how trucks take goods from clothing factory to warehouse and large trailer trucks transport it between cities, for distribution to stores.

p-i 25 frames $.50

CASTLE AND MANOR HOUSES (EGH, Color)

Art work illustration indicates the reason and method of the construction of the castle and manor house.

i-j 23 frames $.50

CATS (EGH, Color)

Shows the chief characteristics and habits of cats: their playfulness, curiosity, cleanliness, and remarkable agility. The proper care of cats as pets is also demonstrated.

p 27 frames $.50

CAT WHO LOST HIS TAIL (YA, Color)

Shows the children's story in art work by a leading illustrator of children's literature.

p 52 frames $.50

CATTLEMAN, THE (EB)

Portrays the life and work of a family and its hired hands on a typical cattle ranch, showing such activities as herding, rounding-up, shipping, branding, etc.

i 79 frames $.50

CENTURY OF PROGRESS — POWER (BIS)

Traces the evolution of the harnessing of power during the last century from steam and gas turbines to atomic power plants.

h-c-a 28 frames $.50

CHECKING VALVE CLEARANCE (CAA)

Explains what is meant by valve clearance and discusses the effects of too little and too much clearance.

h-a 54 frames Handling charge, $.50

CHARACTER BUILDING (SVE, Recording, Color)

The Boy
The Raggedy Elf
The Little Cloud
Bike Behaviour
The Mighty Hunters
How the Birds Got Their Color
The Little Star That Got Lost

A set of 7 filmstrips bring out lessons on unselfishness, truthfulness, self-sacrifice, obedience, and safety. Portrays character building. Encourages discussion.

p-i Approx. 26 frames ea. $.50 ea.

CHICKEN LITTLE (YA, Color)

The children's story is told in art work by a leading illustrator of children's literature.

p 35 frames $.50

CHILD CARE SERIES: GETTING ACQUAINTED (YA)

Tells how the baby sitter should prepare for her job and the important things she should know about the house and children.

h-c-a 36 frames $.50

CHILD CARE SERIES: KEEPING CHILDREN HAPPY (YA)

Describes a typical evening in which the baby sitter takes care of two children. Illustrates detailed duties.

h-c-a 38 frames $.50

CHILD CARE SERIES: KEEPING CHILDREN SAFE (YA)

Discusses special safety problems for those who supervise children in the home and out-of-doors.

h-c-a 36 frames $.50

CHILD CARE SERIES: SPECIAL DAYTIME PROBLEMS (YA)

Describes special problems arising in the supervision and care of children during daytime hours, including both indoor and outdoor activity.

h-c-a 35 frames $.50

CHILD DEVELOPMENT SERIES: CHILD CARE AND DEVELOPMENT (McGH)

Considers the habits of daily physical care that insure a happy, healthy child. Good habits of eating, sleeping, bathing, the wearing of proper clothing, and outdoor exercise are covered.

c-a 45 frames $.50

CHILD DEVELOPMENT SERIES: HEREDITY AND PRE-NATAL DEVELOPMENT (McGH)

Pictures the growth, sub-division and eventual union of male and female sex cells. Explains the role of chromosomes and genes in determining sex and transmitting physical and mental characteristics to offspring. Stress is laid on the modification of these traits by training and environment. Describes the fertilization of the ovum by the sperm cell at conception and traces the development of the fetus until delivery. A section on the newborn child considers the development of the basic physiological actions of breathing, eating, and elimination. Finally stresses the close connection between physical and emotional sensitivity in very young children.

c-a 50 frames $.50

CHILDREN — NEAR AND FAR (EGH, Color)

Wambo and Tawa of the Hot Lands
Nannook and Akawa of the Cold Lands
Pieter and Trina of Holland
Lung-Wu and Che-Tsoo of China
Togo and Yuki of Japan
Nils and Gretel of Switzerland
Ole and Olga of Norway
Ahmed and Adah of the Desert Land
Pedro and Maria of Mexico

Shows our children how children live and play all around the world.

p Approx. 25 frames ea. $.50 ea.

CHILDREN OF EARLY AMERICA, SET I: BOSTON TEA PARTY (YA, Color)

Shows Boston in 1773, and tells the story of young Nat Blair who helped print and distribute posters calling for action against the British and how he took part in the famous "Tea Party" in Boston Harbor.

i-j 44 frames $.50

CHILDREN OF EARLY AMERICA, SET I: AN INDIAN ADVENTURE (YA, Color)

Presents various aspects of the life of the Ottawa Indians, who lived in what is now northern Michigan, and tells of an adventure of an Indian boy, who later became the great chief Pontiac.

i-j 45 frames $.50

CHILDREN OF EARLY AMERICA, SET I: LAST DELEGATE (YA, Color)

Tells the story of Tim McNair, who made a dangerous ride for Benjamin Franklin to help bring an important delegate to the Philadelphia Convention, and of how Tim outwitted a British redcoat to accomplish his mission.

i-j 45 frames $.50

CHILDREN OF EARLY AMERICA, SET I: LOST IN PENN'S WOODS (YA, Color)

Shows life among the Quakers who settled in Penn's Woods in 1683. Tells the story of Increase Whyte who is lost in the wilderness and found by friendly Indians, of how he lived with the Indians for several months, and finally is returned to his home by them.

i-j 44 frames $.50

CHILDREN OF EARLY AMERICA, SET I: SILVER SPURS IN CALIFORNIA (YA, Color)

Tells the story of Anna and Juan Perez, two young Spanish children who lived in California in 1826. The story is designed to show life on a large ranch in those days and is built around the annual rodeo at the Perez ranch.

i-j 48 frames $.50

CHILDREN OF EARLY AMERICA, SET I: WASHINGTON INVADED (YA, Color)

Tells the story of Tad Ely, a young boy whose mother was housekeeper to President and Dolly Madison, and of how Tad helped save the valuable portrait of George Washington when the British burned the city in 1812.

i-j 43 frames $.50

CHILDREN OF EARLY AMERICA SERIES, SET II: NEW FORT AT CHEKAGOU (YA, Color)

Presents the life of a frontier family in Chicago in 1819, showing scenes of the soldiers at Fort Dearborn, the men at the trading post, and the friendly Indians.

i-j 46 frames $.50

CHILDREN OF EARLY AMERICA SERIES, SET II: PATROON'S GIFT (YA, Color)

Describes the adventures of a small Dutch boy in New Amsterdam in 1660.

i-j 43 frames $.50

CHILDREN OF EARLY AMERICA, SET II: RESCUED BY BOONE (YA, Color)

A small boy, traveling with a band of settlers across the mountains of Kentucky in 1780, is stolen by hostile Indians and rescued by Daniel Boone.

i-j 46 frames $.50

CHILDREN OF EARLY AMERICA, SET II: STOWAWAY AROUND THE HORN (YA, Color)

A young stowaway on a clipper ship running between Baltimore and San Francisco in 1849 learns about sailing and becomes the captain's cabin boy.

i-j 44 frames $.50

CHILDREN OF EARLY AMERICA, SET II: TOW-PATH BOY (YA, Color)

In 1827, while walking along the towpath, a small boy learns about the various types of traffic on the Erie Canal.

i-j 46 frames $.50

CHILDREN OF EARLY AMERICA, SET II: WAGONS TO THE WEST (YA, Color)

On the old Santa Fe Trail in 1834, a small boy helps to save a wagon train from Indians on the warpath.

i-j 44 frames $.50

CHILDREN OF EARLY AMERICA, SET III: NEW YEAR'S GIFT FROM GENERAL JACKSON (YA, Color)

In 1814, when a New Orleans boy steals a ride to General Jackson's camp in order to see his father, the General rewards him by allowing his father to return home for the New Year's holiday. Includes scenes of life in New Orleans at the time.

i-j 46 frames $.50

CHILDREN OF EARLY AMERICA SERIES, SET III: OREGON TRAIL (YA, Color)

Presents the adventures of a small girl who is traveling with a wagon train from Independence, Missouri, to Oregon in 1843.

i-j 49 frames $.50

CHILDREN OF EARLY AMERICA, SET III: PLYMOUTH GIRL (YA, Color)

Shows how the lost goat of a little girl saves the Plymouth settlement from an Indian massacre in 1622.

i-j 41 frames $.50

CHILDREN OF EARLY AMERICA, SET III: POWHATAN'S TOMBOY (YA, Color)

Shows how Pocahontas saved the life of Captain John Smith and aided the colony of Jamestown.

i-j 44 frames $.50

CHILDREN OF EARLY AMERICA, SET III: SAN JACINTO CORN (YA, Color)

Shows how Sam Houston led the Texan Army to victory in the war with Mexico in 1836.

i-j 49 frames $.50

CHILDREN OF EARLY AMERICA, SET III: STEAMBOAT 'ROUND THE BEND (YA, Color)

Through the ingenuity of a small boy, the pilot of a steamboat wins a race on the Mississippi River in 1869. Shows the river traffic between St. Louis and New Orleans at the time.

i-j 45 frames $.50

CHILDREN OF EUROPE SERIES: HOMESPUN HOLIDAY (YA, Color)

Contemporary life in Ireland is reflected in the story of a Dublin girl who wins a Gaelic-speaking contest and is awarded a trip to the coast of western Ireland.

i-j 47 frames $.50

CHILDREN OF EUROPE SERIES: PAOLO'S BIRTHDAY RIDE (YA, Color)

Tells the story of Paolo Salla who lives in Naples and of his motor-scooter ride out in the country on his twelfth birthday.

i-j 41 frames $.50

CHILDREN OF EUROPE SERIES: PIET TAKES A BARGE TRIP (YA, Color)

Tells the story of Piet Cuyp who lives in Amsterdam where his father is in the shipping business.

i-j 45 frames $.50

CHILDREN OF EUROPE SERIES: ROBI'S ALPINE SUMMER (YA, Color)

Tells the story of Robi and Gretl Schneider who live in a chalet on a small farm in Switzerland near the town of Brienz, which is famous for its wood carving.

i-j 48 frames $.50

CHILDREN OF EUROPE SERIES: SIMONE'S SURPRISE (YA, Color)

Tells the story of a little girl who, when school is over for the year, celebrates Bastile Day in Paris and then spends the summer with relatives on a farm in Normandy.

i-j 47 frames $.50

CHILDREN OF EUROPE SERIES: SKI MEET (YA, Color)

Tells the story of twins, Janna and Lars Hansen, who live on a Norwegian farm near Hardanger Fjord.

i-j 45 frames $.50

CHILDREN OF LATIN AMERICA SERIES: CHICO LEARNS TO READ (YA, Color)

Art work illustrations present a story based on the daily life of a boy who lives on a coffee plantation in Brazil.

i-j 40 frames $.50

CHILDREN OF LATIN AMERICA SERIES: FIESTA DAY (YA, Color)

Presents scenes of fiesta day and market day at Oaxaca, a Mexican village steeped in Aztec and Mayan tradition.

i-j 40 frames $.50

CHILDREN OF LATIN AMERICA SERIES: JOSE HARVESTS BANANAS (YA, Color)

Art work illustrations present a story based on the daily life of a boy in Guatemala. Intends to give students an understanding and appreciation of life in other lands.

i-j 40 frames $.50

CHILDREN OF LATIN AMERICA SERIES: MARKET DAY AT CUSCO (YA, Color)

Art work illustrations present a story based on the daily life of an Indian girl who lives in the Andes Mountains in Peru.

i-j 40 frames $.50

CHILDREN OF LATIN AMERICA SERIES: THE SILVER-STUDDED BELT (YA, Color)

Art work illustrations present a story based on the daily life of a child in the copper mining section of Chile.

i-j 43 frames $.50

CHILDREN OF LATIN AMERICA SERIES: VACATION ON THE PAMPAS (YA, Color)

Art work illustrations present a story based on the daily life of a boy who spends his vacation in the Argentine.

i-j 40 frames $.50

CHILDREN OF THE ORIENT: ALI OF SAUDI ARABIA (YA, Color)

Illustrates life in this country with the story of a young boy of a nomadic tribe of Bedouins.

i-j 47 frames $.50

CHILDREN OF THE ORIENT SERIES: GULEN OF TURKEY (YA, Color)

Tells the story of Gulen, a young Turkish girl who lives in Ankara.

i-j 46 frames $.50

CHILDREN OF THE ORIENT SERIES: KOKO OF THE PHILIPPINES (YA, Color)

Tells the story of Koko, a young Filipino boy who lives near the rice fields on the island of Leyte.

i-j 45 frames $.50

CHILDREN OF THE ORIENT SERIES: MING LI OF CHINA (YA, Color)

Presents scenes of contemporary life in China through the story of Ming Li, a young Chinese boy who lives in the coastal city of Tientsin.

i 44 frames $.50

CHILDREN OF THE ORIENT SERIES: RAMESH OF INDIA (YA, Color)

Tells the story of Ramesh, a young Hindu boy who lives on a small farm near Bombay.

i-j 39 frames $.50

CHILDREN OF THE ORIENT SERIES: SELIM OF EGYPT (YA, Color)

Tells the story of Selim, a young Egyptian boy who lives in a small village in the Nile Valley near Cairo.

i-j 33 frames $.50

CHILDREN'S FAIRY TALES SERIES (SVE, Color)

Cinderella
Snow White and the Seven Dwarfs
Jack and the Beanstalk
Sleeping Beauty
The Little Engine That Could
Rackety Rabbit and the Runaway Easter Eggs

Delightful illustrations present the leading incidents of these popular stories. Builds experiential background and story appreciation.

p-i Approx. 35 frames ea. $.50 ea.

CHILDREN'S ZOO (CUR, Color)

In this zoo, children feed the animals and play with them. Includes a goat, kid, lamb, piglet, sheep, skunk, llama, and a crow.

p 25 frames $.50

CHILD'S EYE-VIEW, A (H)

Shows how a preschool child might interpret himself in his everyday experience of playing, washing, eating, resting, and dressing.

c-a 69 frames $.50

CHINA (INF)

Views of China today show a Chinese family, a Chinese school, farmers and industrial workers, large cities and small villages.

i-j-h 64 frames $.50

CHOOSING FOR HAPPINESS (McGH)

Points out character traits that are important to look for in selecting a marriage partner. Stresses the important aspects of self-analysis and the entertainment of the possibility of making changes in one's self and fewer demands on other people.

c-a 38 frames $.50

CHRISTMAS (YA, Color)

Explains the history and significance of the holiday and relates it to typical activities in observance of the day.

i-j 28 frames $.50

CHRISTMAS CAROL, A (SVE, Color)

Presents portions of the story of Charles Dickens.

j-h-c 51 frames $.50

CHRISTMAS CAROLS (CAR)

Presents the words of six familiar Christmas carols printed over drawings of the nativity: "O Come All Ye Faithful," "Away In a Manger," "Silent Night, Holy Night," "Joy to the World," "Hark the Herald Angels Sing," and "O Little Town of Bethlehem."

i-j-h 23 frames $.50

CHRISTMAS CAROLS (STIL, Color)

Presents stories and words of some of the Christmas songs.

p-i 36 frames $.50

CHRISTMAS IN MANY LANDS (INF)

Shows how Christmas customs are observed in various countries of the world, including Germany, England, Sweden, Holland, Switzerland, Latin America, and the Orient.

i 44 frames $.50

CHUCKY LOU — THE STORY OF A WOODCHUCK (IU)

Presents photographs of a woodchuck which becomes a children's pet.

p-i 35 frames $.50

CIRCUS ANIMALS (BFS, Color)

Shows how animals of the circus are cared for, watered, fed, and trained.

p-i 40 frames $.50

CIRCUS COMES TO CUTOUT TOWN, THE (FFX)

New activities program centered around the color strip. This new approach to visual education provides the basis for important primary grade activity. It will be found extremely helpful in developing basic study skills.

i 18 frames $.50

CIRCUS DAYS (STI, Color)

Children visit the circus.

p-i 32 frames $.50

CIRCUS GETS READY (EGH, Color)

Shows the story of a typical circus that comes to a small town for one or two performances. Emphasis is on the advance-posters, the arrival of the circus train, and on how the circus tents are made ready, with men, elephants, ponies, and horses all doing their share of the work.

p 25 frames $.50

CIRCUS PEOPLE (BFS, Color)

Opens as the circus train comes to town. Features the spirit of cooperation and teamwork necessary to move and set up the tents and make ready for the "big show." Includes frames showing how a clown puts on his costume and makeup.

p-i 30 frames $.50

CITIES OF OUR COUNTRY (EGH, Color)

Birmingham, Industrial Center of the South
Los Angeles, the Beautiful Southwest
Boston, City of Tradition
Chicago, at the Crossroads of the Nation
Detroit, Midwest Center of Industry
Seattle, Typical of the Northwest
New York, Our Great Metropolis
Houston, a City Expanding
Why and How Cities Grow

Pictograph maps show typical American cities in their geographical relationships to regions of the country, industries, life in this city and region, distinctive features, buildings, etc.

i-j Approx. 25 frames ea. $.50 ea.

CITY PARK, THE (CUR, Color)

Shows the function of the city park, and how its facilities are used by different city dwellers in accordance with their interests.

p 25 frames $.50

CLASSICAL LITERATURE (EGH, Color)

Ivanhoe
Treasure Island
The Three Musketeers
Rip Van Winkle
Robinson Crusoe
Alice in Wonderland
A Christmas Carol
King Arthur
Ali Baba and the Forty Thieves
Robin Hood
Moby Dick
The Odyssey

Intended to supplement the study of classics in literature.

i-j-h Approx. 100 frames ea. $.50 ea.

CLASSIFICATION AND RECOGNITION OF CLOUDS — PART I: HIGH CLOUDS (CAA, Color)

Shows the types, identifying characteristics and symbols of the high clouds; offers nine samples of typical clouds for the viewer to identify.

j-h-c-a 26 frames Handling charge, $.50

CLASSIFICATION AND RECOGNITION OF CLOUDS — PART II: MIDDLE CLOUDS (CAA, Color)

Shows the types, identifying characteristics and symbols of the middle clouds; offers twelve samples of typical clouds for identification.

j-h-c-a 26 frames Handling charge, $.50

CLASSIFICATION AND RECOGNITION OF CLOUDS — PART III: LOW CLOUDS (CAA, Color)

Shows the types, identifying characteristics and symbols of the low clouds; offers seventeen samples of typical clouds for identification.

j-h-c-a 26 frames Handling charge, $.50

CLASSIFICATION AND RECOGNITION OF CLOUDS—PART IV: CLOUDS OF VERTICAL DEVELOPMENT (CAA, Color)

Shows the types, identifying characteristics, and symbols of the clouds of vertical development; offers 21 samples of typical clouds for identification.

j-h-c-a 34 frames Handling charge, $.50

CLAY MODELING (YA, Color)

Shows how children can express themselves, experience form and get a feeling of achievement from working with a clay known as plasticine.

p 32 frames $.50

CLEANING THE AIRPLANE (CAA)

Indicates briefly the importance of keeping the airplane clean; demonstrates one acceptable method of cleaning; calls attention to the danger of using certain cleaning agents indiscriminately.

a 36 frames Handling charge, $.50

CLOTH CONSTRUCTION AND IDENTIFICATION (WBI, Color)

Presents diagrams and enlargements of different kinds of weaves; pattern weaving; microscopic enlargement of woolen and worsted thread; pictures of pile fabrics, worsted dress fabrics, cords, plainweave, hopsack, twill, sateen, and crepe.

h-c-a 34 frames $.50

COLD WEATHER STARTING (CAA)

Describes the effect of cold weather upon aircraft engine oil, grease, fuel line, and spark plugs.

h-a 49 frames Handling charge, $.50

COLON AND SEMICOLON (CVE, Color)

Drawings illustrate the purpose and use of the colon and semicolon. Includes exercises for class participation.

j-h-c 60 frames $.50

COLONIAL AMERICA (INF)

Illustrates home life, customs, dress, manners and architecture in the New England, Middle Atlantic, and Southern colonies. A colonial kitchen, candle dipping, soap making, spinning, weaving on a handloom and a quilting party are included.

i-j-h 30 frames $.50

COLONIAL AMERICA (EGH, Color)

Background to Colonization
The Establishment of the Southern Colonies
The Establishment of the New England Colonies
The Establishment of the Middle Colonies
New France and the Struggle for North America
The American Colonies on the Eve of the Revolution

A set of 6 filmstrips covering the period starting with the backgrounds to colonization up to and including the American Colonies on the eve of the Revolution.

i-j Approx. 50 frames ea. $.50 ea.

COLUMBUS DAY (YA, Color)

Explains the history and significance of the holiday and relates it to typical activities in observance of the day.

i-j 30 frames $.50

COMMA — IN A SERIES (SVE, Color)

Drawings illustrate the purpose and use of commas in a series. Includes exercises for class participation.

j-h-c 41 frames $.50

COMMA — IN ADDRESSES AND DATES (SVE, Color)

Drawings illustrate the purpose and use of commas in addresses and dates. Includes exercises for class participation.

j-h-c 43 frames $.50

COMMA — IN MISCELLANEOUS USAGE (SVE, Color)

Drawings illustrate the purpose and use of commas in miscellaneous usage. Includes exercises for class participation.

j-h-c 35 frames $.50

COMMA — WITH APPOSITION AND PARENTHETICAL EXPRESSIONS (SVE, Color)

Drawings illustrate the purpose and use of commas with apposition and parenthetical expressions. Includes exercises for class participation.

j-h-c 44 frames $.50

COMMA — WITH DIRECT ADDRESS, INTRODUCTORY WORDS, FINAL QUERY (SVE, Color)

Drawings illustrate the purpose and use of commas with direct address, introductory words, and final query. Includes exercises for class participation.

j-h-c 38 frames $.50

COMMA — WITH CLAUSES AND PHRASES (SVE, Color)

Drawings illustrate the purpose and use of commas with clauses and phrases. Includes exercises for class participation.

j-h-c 46 frames $.50

COMMON ANIMALS OF THE WOODS (EB)

Presents photographs of the lives and habits of the squirrel, rabbit, raccoon, porcupine, otter, mink opposum, skunk, and woodchuck in their forest habitats.

p-i-j 75 frames $.50

COMMON EMERGENCIES: PART I (CAA, Record)

Shows the first-aid treatment for appendicitis, choking, diarrhea, earache, toothache, common cold, sunburn, poison ivy, poison oak, sumac, insect bites, and fainting.

j-h-c-a 58 frames 12 minutes
Handling charge, $.50

COMMUNICATION OF IDEAS (SVE)

The Relation of Personality to Communication
The Relation of Interests to Communication
How to Read: To Understand, to Evaluate, to Use
How to Write: The Four Uses of Words
How to Converse
How to Prepare a Speech
How to Deliver a Speech
The Relation of Ideals to Communication

Calls attention to fundamental concepts, rules, and relationships to be observed for effective conversation, public speaking, reading, writing, and listening.

h-c Approx. 45 frames ea. $.50 ea.

COMMUNITY CENTRE (BIS)

Large cities lack the friendly community spirit found in small towns and rural areas. In Britain, this situation is being remedied by voluntary community centers which provide social services and recreational facilities for members.

c-a 34 frames $.50

COMMUNITY HELPERS (SVE)

The Fireman **The Grocer**
The Postman **The Baker**
The Policeman

A set of 4 filmstrips helps develop appreciation for the "unsung" services of persons who give daily to the community. Calls attention to the dependence of communities on certain workers.

p-i Approx. 40 frames ea. $.50 ea.

CONGRESS: ORGANIZATION AND PROCEDURE (McGH)

Discusses differences between the Senate and the House, in organization, procedures, election of members and delegated authority. Describes the part played by political party machinery in the organization and operations of each house of Congress, and in the conduct of the various standing committees. Traces the various steps through which a bill passes.

c 44 frames $.50

CONSERVATION FOR BEGINNERS (SVE, Color)

Sonny Squirrel and the Pine Trees
The Deer and the Haystack
A Picnic for Dick and His Friends
The Lamb and the Bluebells
Susan and the Forest Fire
The Muddy Raindrops

Introduces elementary principles of conservation. Teaches the importance of our natural resources.

p Approx. 27 frames ea. $.50 ea.

CONSTITUTION: PRINCIPLES AND METHODS OF CHANGE (McGH)

Discusses the meaning and implications of the seven basic principles around which the Constitution is built: popular sovereignty, federal system, federal supremacy, representative system, separation of powers, judicial review, and limited government.

c 37 frames $.50

CONSTITUTION OF THE UNITED STATES (EGH, Color)

The Historic Background
Congress — The Legislative Branch
Congress and Its Powers
The Executive Department — the President
The Cabinet
Independent Administrative Agencies
The Judicial Department and the System of Checks and Balances
Amendments to the Constitution
Questions and Answers

A set of 9 filmstrips develops the historic background and then present, in detailed form the basic structure of our government. Encourages an understanding of our Constitution in order to develop an appreciation of our type of government, the rights it gives and the duties it expects from us.

i-j Approx. 23 frames ea. $.50 ea.

CONSUMER EDUCATION SERIES: FACTS ABOUT COTTON FABRICS (YA)

Points out that cottons are the most widely used textiles; they are inexpensive, plentiful, and versatile, easy to handle in sewing, and their upkeep is low because they are washable.

h-c-a 42 frames $.50

CONSUMER EDUCATION SERIES: FACTS ABOUT RAYON FABRICS (YA)

Presents the fundamental differences in the characteristics of viscose and acetate rayon which determine their use and care.

h-c-a 39 frames $.50

CONSUMER EDUCATION SERIES: FACTS ABOUT WOOL FABRICS (YA)

Points out that wool is expensive in comparison to other textile fabrics, but has special characteristics that may justify its relatively high price. Wool is durable, resilient, tough, and insulating.

h-c-a 41 frames $.50

CONSUMER EDUCATION SERIES: HOW TO BUY A BLOUSE (YA)

Shows the important factors that must be considered when buying a ready-to-wear garment: style, quality, fit.

h-c-a 41 frames $.50

CONSUMER EDUCATION SERIES: SELECT YOUR STYLE (YA)

Presents the basic figure types — average, tall, short, top-heavy, and large-hipped — and drawings of basic dress and coat designs. Illustrates the effects of lines, pointing out those which emphasize the good features in a figure and produce a pleasing appearance.

h-c-a 29 frames $.50

CONSUMER EDUCATION SERIES: YOUR RETAIL STORE (YA)

Illustrates the services that a retail store provides to the community. Starting with a consumer who purchases a sports shirt, it traces the procedures involved in getting the merchandise to the consumer.

a 39 frames $.50

CONTACT PRINTING (McGH)

Shows methods of contact printing.

h-c-a 67 frames $.50

COOPERATING WITH OTHERS (CUR, Color)

Deals with the concept that an individual's good health is important both to himself and to the community, and emphasizes his responsibility to cooperate with public and professional health authorities.

i-j 25 frames $.50

COOKING SERIES: BUYING FOOD WISELY (YA)

Explains and demonstrates important understandings and skills in selecting foods.

j-h-c-a 39 frames $.50

COOKING SERIES: MEASURING ACCURATELY (YA)

Explains and demonstrates important understandings and skills in cooking and kitchen safety.

j-h-c-a 35 frames $.50

COOKING SERIES: ORGANIZING AND PREPARING MEALS (YA)

Explains and demonstrates important understandings and skills in organizing and preparing meals.

j-h-c-a 39 frames $.50

COOKING SERIES: PLANNING MEALS FOR NUTRITION (YA)

Explains and demonstrates important understandings and skills in planning meals for nutrition.

j-h-c-a 34 frames $.50

COOKING SERIES: SAFETY IN THE KITCHEN (YA)

Explains and demonstrates important understandings and skills in maintaining safety in the kitchen.

j-h-c-a 44 frames $.50

COOKING SERIES: SERVING MEALS ATTRACTIVELY (YA)

Explains and demonstrates important understandings and skills in serving meals attractively.

j-h-c-a 39 frames $.50

COOKING SERIES: STORING FOODS (YA)

Explains and demonstrates important understandings and skills in storing foods.

j-h-c-a 48 frames $.50

COOKING SERIES: UNDERSTANDING COOKING TERMS (YA)

Explains and demonstrates important understandings and skills of cooking.

j-h-c-a 49 frames $.50

COOPERATIVE LIVING (SVE)

Day Begins
Father Works for the Family
Mother Cares for the Family
The Children Have a Busy Day
Holiday

A set of 4 filmstrips emphasizing the importance of cooperation in the home. Prompts class discussion of home activities. Suggests follow-up activities. Correlates with home safety, nutritions, and care of pets.

p-i Approx. 25 frames ea. $.50 ea.

COMBATING DISEASES OF CATTLE AND SWINE (COLF, Color)

Combating Diseases and Parasites of Cattle
Combating Diseases and Parasites of Swine

Pictures the place of the farmer and the place of the veterinarian in combating parasites and diseases of cattle and swine.

h-c-a 53 and 70 frames $.50 ea.

CORN FARMER (EB)

Describes the work of a typical corn farmer in planting, cultivating, and harvesting his corn crop, grown particularly for livestock feeding.

i 79 frames $.50

CORROSION (CAA)

Explains methods used to prevent and to remove corrosion.

h-a 33 frames Handling charge, $.50

COTTONTAIL FABLES: CHASING RAINBOWS (EB, Color)

Presents a story about a rabbit and his family, intended to convey a simple moral lesson for primary grade children.

p-i 40 frames $.50

COTTONTAIL FABLES: GREEDINESS DOESN'T PAY (EB, Color)

Presents a story about a rabbit and his family, intended to convey a simple moral lesson for primary grade children.

p-i 40 frames $.50

COTTONTAIL FABLES: MOTHER KNOWS BEST (EB, Color)

Presents a story about a rabbit and his family, intended to convey a simple moral lesson for primary grade children.

p-i 40 frames $.50

COTTONTAIL FABLES: OBEDIENCE PAYS (EB, Color)

Presents a story about a rabbit and his family, intended to convey a simple moral lesson for primary grade children.

p-i 40 frames $.50

COTTONTAIL FABLES: OTHER PEOPLE'S PROPERTY (EB, Color)

Presents a story about a rabbit and his family, intended to convey a simple moral lesson for primary grade children.

p-i 40 frames $.50

COTTONTAIL FABLES: WE WORK TOGETHER (EB, Color)

Presents a story about a rabbit and his family, intended to convey a simple moral lesson for primary grade children.

p-i 40 frames $.50

COUNTRY FIELD TRIPS (SVE, Color)

A Trip to the Autumn Woods
Plants and Animals in the Spring
Winter in the Country
Summer on the Farm

Striking photographs of season scenes calls attention to typical activities of both animals and humans during various seasons. Shows the beauty of trees and plants during the fall, spring, summer and winter.

p-i Approx. 35 frames ea. $.50 ea.

COUNTRY MOUSE AND THE CITY MOUSE (FFX, Color)

Presents the story adapted from Aesop's fable, suitable for reading readiness. Words are first introduced in direct application to the picture, and they are next used in a slightly different context.

p 22 frames $.50

COUNTY FAIR (CUR, Color)

At the fair, two girls see the Hall of Crafts, prize livestock, flowers, fruits and vegetables; then amuse themselves on the merry-go-round and the ferris wheel. Stresses the feeling of achievement that farm people have when they see their work done.

p 25 frames $.50

COVERING WITH FABRIC (CAA)

Explains the blanket and envelope methods of wing covering and shows the various covering operations used before rib stitching.

h-a 65 frames Handling charge, $.50

COWS (EGH, Color)

Emphasizes the daily life of the dairy cow. The cow's care includes good food, water, rest, and clean surroundings, all of which lead to the production of healthful milk and milk products.

p 27 frames $.50

CRADLE OF AMERICAN INDUSTRY (HK, Color)

Shows the history and explains the operation of the first iron works in the United States at Saugus, Massachusetts, which functioned in the Massachusetts Bay Colony during the 17th century.

j-h 42 frames $.50

CREATING WITH CLAY (NYU)

Shows the development of the clay from its original mass to its ultimate form, and different step and tools necessary for the working of clay. Shows the preparation of materials, the tools in use, and the kiln in which the final firing operation is performed.

j-h-c-a 32 frames $.50

CURTISS ELECTRIC PROPELLER DISASSEMBLY — PART I: POWER UNIT (CAA)

Gives the step-by-step process of disassembling the power unit of the standard-type Curtiss electric propeller.

a 70 frames Handling charge, $.50

CURTISS ELECTRIC PROPELLER — DISASSEMBLY: PART II — HUB AND BLADES (CAA)

Shows the step-by-step process of disassembling the hub and blades of the Curtiss electric propeller (Standard unit).

a 50 frames Handling charge, $.50

DAIRY CATTLE SERIES (COLF)

Selecting Dairy Heifers for Her Development
Fitting and Showing Dairy Cattle
Producing and Handling Clean Milk
Judging Dairy Cattle

Explains in detail the dairy characteristics.

h-c-a 30-77 frames ea. $.50 ea.

DARK CONTINENT WAKENS, THE (NYT)

An introduction shows the geography, the people and the problems of Africa south of the Sahara. Shows the living conditions and the problems of disease, poverty, and lack of fertile land; the development of Africa by Europeans and a survey of whether Europeans of Africans are benefiting from the development. Explains the governments of the area, which countries are home ruled, how much self rule has been granted in colonial areas.

h-c-a 58 frames $.50

DAVID AND HIS FAMILY (YA)

Tells the story of David's life at home with a new baby brother, and how he adjusts himself to this situation.

p-i 30 frames $.50

DAVID'S BAD DAY (YA)

Shows the personality problems created in David by the advent of a baby brother in his family, and how his parents recognize and solve them.

c-a 36 frames $.50

DE-ICER SERVICING AND INSTALLATION (CAA)

Shows the principle of operation, installation, and servicing of Goodrich de-icer.

a 80 frames Handling charge, $.50

DE-ICING EQUIPMENT — UNITS AND THEIR FUNCTIONS (CAA)

Shows how the de-icing mechanism works — the pumps and valves necessary for the proper functioning of the de-icer shoes.

a 38 frames Handling charge, $.50

DEAD RECKONING (CAA)

Explains the theory of dead reckoning and demonstrates its practical applications.

h-c 69 frames Handling charge, $.50

DEE DEE CHOU AND HIS DOG (YA, Color)

Presents a children's story in art work by a leading illustrator of children's literature.

p 37 frames $.50

DEMOCRATIC LIVING (JHP, Color)

Emphasizes those characteristics of cooperation, mutual assistance, and fair play which are important to the development of a pleasing personality.

p-i 20 frames $.50

DENTAL HEALTH (SVE)

Your Teeth and Your Health
Dental Health for Young America

A set of 2 filmstrips prepared by American Dental Association. Teaches composition, structure, and proper care of teeth. Stresses relationship between dental habits and general health.

i-j-h Approx. 30 frames ea. $.50 ea.

DETECTION (CAA)

Describes how a radio wave is detected and isolated.

h-c-a 35 frames Handling charge, $.50

DEVELOPING ROLL FILM (McGH)

Demonstrates methods of developing roll film.

h-c-a 62 frames $.50

DEVELOPING SHEET FILM AND FILM PACKS (McGH)

Demonstrates methods of developing sheet film and film packs.

h-c-a 46 frames $.50

DIMENSIONING TECHNIQUES (McGH)

Presents techniques correlated with the book *Engineering Drawing*, by Thomas E. French, published in 1948.

c-a 48 frames $.50

DISCOVERY AT SAUGUS (HK, Color)

Tells the story of locating and excavating the ruins of the first productive iron works in America at Saugus, Massachusetts.

j-h 67 frames $.50

DOG AND THE CAT (YA, Color)

Presents the children's story in art work by a leading illustrator of children's literature.

p 47 frames $.50

DRAKESTAIL (YA, Color)

Presents the children's story in art work by a leading illustrator of children's literature.

p 49 frames $.50

DRAWING (YA, Color)

Intended to stimulate the children to draw with crayons on paper of different colors.

p 35 frames $.50

DRAWINGS AND THE SHOP (McGH)

Demonstrates procedures correlated with the book *Engineering Drawing*, by Thomas E. French, published in 1948.

c-a 43 frames $.50

DRILLING FOR OIL (STO)

Presents the principles and techniques involved in bringing oil from the ground.

h-c-a 61 frames $.50

DROP-OUT, THE (McGH)

Shows the characteristics of the high school program which led Steve Martin to leave school as soon as the law permitted. A life adjustment program, with class subjects related to the interests of boys and girls is suggested.

c-a 40 frames $.50

DWELLERS IN TENTS (EGH, Color)

Shows why some people live in tents; the characteristics of this type of dwelling.

i-j 23 frames $.50

E-6B COMPUTER — SOLUTION OF WIND TRIANGLES (CAA)

Describes the construction of the computer, and states the rules for using the computer to solve vector triangles; shows how to solve typical vector triangles with the aid of the computer.

h-c-a 57 frames Handling charge, $.50

EARLY COMMUNICATION (CUR, Color)

Illustrations show arm motions, smoke signals, signal mirrors, fires or lights at night, sound and audible signals, the human voice, lines of "call posts," the megaphone, the African drum, and devices such as horns, whistles, bugles, and fire arms.

p-i 27 frames $.50

EARLY MAN AND HIS FOOD (PS)

Illustrates the history of man's struggle for food supply. Shows the development of weapons, of animal domestication, and of farming.

p-i 40 frames $.50

EARTH AND THE UNIVERSE SERIES (SVE)

The Earth in Space
The Sun and Its Planets
Earth's Satellite — The Moon
Comets and Meteors
Stars and Galaxies
Constellations
Work of Astronomers and Space Travel

Explains the universe and the bodies within it. Shows the relationship between the earth and other solar bodies.

i-j-h 40-65 frames ea. $.50 ea.

18th-CENTURY ENGLAND (LI, Color)

Photographs of paintings and other documents of England in the eighteenth century describe the rising industrialism, expanding empire, and intellectual life.

j-h-c-a 51 frames $.50

ELECTRICITY IN COMMUNICATION (EGH, Color)

Explains the principle of the electromagnet and each of the main steps in developing electrical means of communication: Morse's telegraph, Field's Atlantic cable, Bell's telephone, Hertz's electrical waves, Marconi's radio, and DeForest's audion tube.

p-i 27 frames $.50

ELECTRICITY, MECHANICS, AND THE ATMOSPHERE (SVE)

Electric Magnets
Electricity
Our Ocean of Air
Permanent Magnets
Simple Machines
The Air About Us

Points out our properties, characteristics, and uses of magnets, electricity, machines, and air.

i-h Approx. 50 frames ea. $.50 ea.

ELEMENTARY PHYSIOLOGY (SVE)

How We See
How We Hear
How We Breathe

A set of 3 filmstrips indicating diagrams of the eye, ear, and lungs, explains functions of each of these organs and purposes of each part. Acquaints students with physiological processes involved in seeing, hearing, and breathing. Teaches structure of the eye, ear, and lungs, and proper care of these organs.

i-j Approx. 40 frames ea. $.50 ea.

ELEMENTARY SCIENCE SERIES, NO. I: DAY AND NIGHT (YA)

Drawings show how the rotation of the earth and its position in relation to the sun produce day and night in various parts of the world.

i-j 23 frames $.50

ELEMENTARY SCIENCE SERIES, NO. I: ELECTRICITY (YA)

Explains the factors which affect the flow of electricity through a simple circuit.

i-j 41 frames $.50

ELEMENTARY SCIENCE SERIES, NO. I: MAGNETS (YA)

Demonstrates the nature and behavior of magnets, based on the activities of two children who learn what a simple bar magnet is and some of the things it can do.

i 46 frames $.50

ELEMENTARY SCIENCE SERIES, NO. I: WHAT MAKES RAIN (YA)

Explains evaporation and condensation as they apply to the water cycle.

i-j 40 frames $.50

ELEMENTARY SCIENCE SERIES, NO. II: ELECTROMAGNETS (YA)

Reviews the properties of the magnet. Explains how a magnetic field is produced around a wire, how the power of the magnetic force can be varied, and how electromagnets are used.

i-j 42 frames $.50

ELEMENTARY SCIENCE SERIES, NO. II: LIGHT (YA)

Explains the nature of light waves and the different characteristics of objects which reflect or transmit light rays.

i-j 37 frames $.50

ELEMENTARY SCIENCE SERIES, NO. II: THE MOON (YA)

Explains the moon as a satellite, its orbit, the lunar month, the phases of the moon, solar and lunar eclipses, and the effect of the moon on ocean tides.

i-j 44 frames $.50

ELEMENTARY SCIENCE SERIES, NO. II: THE SEASONS (YA)

Explains how the seasons are caused by the inclination of the earth's axis and the revolution of the earth around the sun.

i-j 44 frames $.50

ELEMENTARY SCIENCE SERIES, NO. II: SIMPLE MACHINES (YA)

Describes the four types of simple machines — the inclined plane, the lever, the wheel and axle, and the pulley — and shows how they are basic in the construction of complex modern machinery.

i-j 39 frames $.50

ELEMENTARY SCIENCE SERIES, NO. II: THE SOLAR SYSTEM (YA)

Describes the nine planets of the solar system, the planetoids and the moons of the various planets. Emphasizes how the planets differ in size, distance from the sun, and in the length of their "year."

i-j 41 frames $.50

ELEMENTARY SCIENCE SERIES, NO. III: AIR AND ITS PROPERTIES (YA)

Considers air and what happens to it in elementary experiments. Though we cannot see air, we become aware of its properties. We find that air fills space, that it has weight, exerts pressure, expands when heated and contracts when cooled.

i 39 frames $.50

ELEMENTARY SCIENCE SERIES, NO. III: ALL MATTER HAS THREE FORMS (YA)

Explains that everything about us exists in one of three forms — solid, liquid, or gas. In discussing the properties of each of these forms (states of matter), simple experiments show how each is affected by heat, cold, and other conditions.

i 42 frames $.50

ELEMENTARY SCIENCE SERIES, NO. III: FRICTIONAL ELECTRICITY (YA)

Explains the phenomena of frictional or static electricity. By simple, easy-to-do experiments, the causes of lightning and thunder are demonstrated. Elementary protection against lightning is discussed.

i 43 frames $.50

ELEMENTARY SCIENCE SERIES, NO. III: THERMOMETER (YA)

Simple demonstrations explain the principles of expansion and contraction as related to thermometers. Treated are weather thermometer, cooking thermometer, and thermostat, and the clinical thermometer.

i 51 frames $.50

ELEMENTARY SCIENCE SERIES, NO. III: WATER AND ITS WORK (YA)

Considers the importance of water in our daily life. Points out the need for water for our food, clothing, homes, health, and industries. Water power for hydroelectric plants and water for steam to drive turbines are also treated. A section is devoted to the working of water supply systems for cities and homes.

i 38 frames $.50

ELEMENTARY SCIENCE SERIES, NO. III: WHY THINGS FLOAT (YA)

Shows two boys in a rowboat, interested in "what makes things float." A few experiments of their own, to determine whether it is size or weight alone that is important, lead to a series of table-top experiments which explain that objects float when they are no heavier than the water they displace.

i 30 frames $.50

ELEMENTS OF ART: COLOR (CUR, Color)

Presents the elements of drawing and painting which enable children to express themselves in a wide range of effects in color.

i-j 39 frames $.50

ELEMENTS OF ART: LINES (CUR, Color)

Presents the elements of drawing and painting which enable children to express themselves in a wide range of effects in lines.

i-j 27 frames $.50

ELEMENTS OF ART: MORE SHAPES (CUR, Color)

Presents the elements of drawing and painting which enable children to express themselves in a wide range of effects in shapes.

i-j 23 frames $.50

ELEMENTS OF ART: PAINTING A PICTURE (CUR, Color)

Presents the elements of drawing and painting which enable children to express themselves in a wide range of effects in painting a picture.

i-j 36 frames $.50

ELEMENTS OF ART: PROPORTION (CUR, Color)

Presents the elements of drawing and painting which enable children to express themselves in a wide range of effects in proportion.

i-j 30 frames $.50

ELEMENTS OF ART: SHAPES (CUR, Color)

Presents the elements of drawing and painting which enable children to express themselves in a wide range of effects in shapes.

i-j 28 frames $.50

ELEMENTS OF ART: SOLID SHAPES (CUR, Color)

Presents the elements of drawing and painting which enable children to express themselves in a wide range of effects in solid shapes.

i-j 24 frames $.50

ELEMENTS OF ART: USING COLOR (CUR, Color)

Presents the elements of drawing and painting which enable children to express themselves in a wide range of effects in using color.

i-j 31 frames $.50

ELIJH AND ELISHA (ALN)

Shows the highlights of the careers of these forerunners of the Writing Prophets, who defied the corrupt kings and raised anew the banner of justice, mercy, and love of God. Includes the episode of Naboth's vineyard.

h-c-a 36 frames $.50

EMOTIONAL HEALTH (McGH)

Shows that emotional upsets are common among people of college age; explains that if a disturbance of this kind is prolonged, a need for professional counsel and care is indicated; and demonstrates the basic techniques of psychiatric treatment.

c-a 25 frames $.50

END PUNCTUATION (SVE, Color)

Drawings illustrate the purpose and use of end punctuation. Includes exercises for class participation.

j-h-c 53 frames $.50

ENGINE INSTRUMENTS (CAA)

Describes and illustrates the function and use of airplane engine instruments.

j-h-a 55 frames Handling charge, $.50

ENGLISH CHILDREN (STIL, Color)

Pictures the daily life of children in England.

p-i 30 frames $.50

ENGLISH GRAMMAR (SVE)

Parts of Speech
Sentence Construction
Diagramming Simple Sentences
Diagramming Compound and Complex Sentences

Indicates ways and means of quickly and easily distinguishing parts of speech by comparison to a train with various types of cars. For review, testing and remedial work.

j-h Approx. 35 frames ea. $.50 ea.

ENRICHING THE CURRICULUM WITH FILMSTRIPS (SVE)

Covers three areas: (1) The outcomes of audio-visual aids which contribute to a pupil's success in school; (2) why the filmstrip is an outstanding tool in the field of audio-visual aids; (3) the criteria for evaluating the quality and usefulness of filmstrips in the curriculum.

c-a 60 frames $.50

ENRICHMENT OF SUBJECT MATTER FIELDS THROUGH AVIATION EDUCATION (CAA)

Is one of a series of five developed as supplementary aids to the American Council on Education publication "Aviation Education: An Approach to a Modern Curricular Problem."

c 17 frames Handling charge, $.50

EXPLORING ELECTRICITY (CHAB)

Magnets and Circuits
Wiring, Heating, Lighting, and Communications

Explains the principles of magnetic attractions, electrical circuits and how they are used in wiring, heating, lighting, and communications.

j-h 45 and 47 frames $.50 ea.

EXPLORING PUNCTUATION (SVE, Color)

Comma — In a Series
Comma — In Addresses and Dates
Comma — With Direct Address
Introductory Words, Final Query
Comma — With Apposition and Parenthetical Expressions
Comma — With Clauses and Phrases

Comma — In Miscellaneous Usage
End Punctuation
Colon and Semicolon
Parentheses and Dash
Apostrophe and Quotation Marks
Italics and Hyphen
Capitalization

Introduces required marks of punctuation by name and usage. Shows importance of knowledge and drill in writing skills. Stimulates interest in writing method of expressing personal ideas.

j-h Approx. 40 frames ea. $.50 ea.

EZEKIEL AND JONAH (ALN)

Tells the story of Ezekiel, the priest-prophet, including some of his most famous visions, and of Jonah's double message — of obedience to God's will and the equality of all God's children.

h-c-a 35 frames $.50

FABRICATION OF TUBING (CAA)

Demonstrates the fabrication and installation of copper, aluminum, and dural tubing. Includes making the pattern, cutting the new tubing, annealing, removing kinks and bends, bending, and fitting.

h-a 79 frames Handling charge, $.50

FACTORY WORKERS (EGH, Color)

Shows many workers helping to make a boy's suit in a large factory, as typical of how people earn a living and of how clothes are made.

p-i 25 frames $.50

FAMILIES OF THE WORLD, SERIES I: CHINA (YA)

Fu-yuan Ho, his wife, and two sons own and farm about 3½ acres of land just outside the city of Kiating, some distance from Shanghai.

i-j-h 37 frames $.50

FAMILIES OF THE WORLD, SERIES I: CZECHOSLOVAKIA (YA)

Tells the story of a farm family 25 miles from Presov, Czechoslovakia, into which are woven the basic themes common to the daily life of all mankind.

i-j-h 33 frames $.50

FAMILIES OF THE WORLD, SERIES I: EGYPT (YA)

Hag Zaki el Gamel, his wife, and five children own and cultivate 10 acres of land about three miles from the city of Khanka, in the Upper Nile Valley.

i-j-h 29 frames $.50

FAMILIES OF THE WORLD, SERIES I: ENGLAND (YA)

Illustrates the life of a farm family in England. Thomas Hiatt, his wife and their two children live on a rented 230-acre farm in Oxfordshire.

i-j-h 30 frames $.50

FAMILIES OF THE WORLD, SERIES I: EQUATORIAL AFRICA (YA)

Zamba Aluma, his two wives and their thirteen children live in the village of Lujulu, currently the home of the Kaliko tribe, located where the frontiers of Congo, Uganda, and Sudan meet. Their land is whatever they wish to clear and cultivate.

i-j-h 34 frames $.50

FAMILIES OF THE WORLD, SERIES I: FRANCE (YA)

Tells the story of a farm family near Blois, France, into which are woven the basic themes common to the daily life of all mankind.

i-j 34 frames $.50

FAMILIES OF THE WORLD, SERIES II: GERMANY (YA)

Tells the story of a farm family near Wiesbaden, Germany, into which are woven the basic themes common to the daily life of all mankind.

i-j-h 37 frames $.50

FAMILIES OF THE WORLD, SERIES II: ITALY (YA)

Tells the story of a farm family near Florence, into which are woven the basic themes common to the daily life of all mankind.

i-j-h 29 frames $.50

FAMILIES OF THE WORLD, SERIES II: JAPAN (YA)

Sozo Okamoto and his family of nine own and farm about three acres of land four miles from the city of Shizuoko.

i-j-h 34 frames $.50

FAMILIES OF THE WORLD, SERIES II: MEXICO (YA)

Shows Paolo Gonzales, his wife and their four children who own and farm about 25 acres of land outside the city of Moravatio.

i-j-h 30 frames $.50

FAMILIES OF THE WORLD, SERIES II: PAKISTAN (YA)

Mohammed Usman, his wife, and their five children own and cultivate 2½ acres of land in the village of Patni, seven miles from the city of Rohri.

i-j-h 30 frames $.50

FAMILIES OF THE WORLD, SERIES II: UNITED STATES (YA)

Shows how an Iowa farmer, his wife and three children own 90 acres of land and rent and cultivate an additional 80 acres.

i-j-h 43 frames $.50

FAMILY PORTRAIT (McGH)

Intended to help young people meet the demands of family living, dating and courtship.

j-h-c-a 30 frames $.50

FAMOUS AMERICAN WOMEN: BETSY ROSS, MAKER OF OUR FLAG (CUR, Color)

Art work illustrations depict the character, action, and achievements.

i-j 23 frames $.50

FAMOUS AMERICAN WOMEN: CLARA BARTON, ANGEL OF THE BATTLEFIELD (CUR, Color)

Art work illustrations depict the character, action, and achievements.

i-j 23 frames $.50

FAMOUS AMERICAN WOMEN: LOUISA MAY ALCOTT, FAMOUS AUTHOR (CUR, Color)

Art work illustrations depict the character, action, and achievements.

i-j 23 frames $.50

FAMOUS AMERICAN WOMEN: POCAHONTAS, FRIEND OF THE ENGLISH (CUR, Color)

Art work illustrations depict the character, action, and achievements.

i-j 23 frames $.50

FARM ANIMALS AT THE FAIR (CUR, Color)

Tells the story of how cows, steers, etc., are prepared for showing at a county fair. Farm children groom their animals and train them to behave, to stand straight, and to walk when led.

p 25 frames $.50

FARM KITCHEN, A (CUR)

Pictures a typical early American kitchen photographed at the Farmers' Museum, Cooperstown, N.Y.

i-j 35 frames $.50

FARM MACHINERY SERIES (COLF)

Lubrication
Clean Air — No Wear
Spark Plugs
Carburetor and Manifold for Farm Tractors
Tractor Valves

Shows what happens when good lubrication practices are not followed and the reward for following good lubrication practices.

h-c-a Approx. 30 frames ea. $.50 ea.

FARM PETS (CUR, Color)

Shows that in addition to common pets — dogs, cats, etc. — farm children have sheep, calves, goats, etc., as pets.

p 27 frames $.50

FARMER'S ANIMAL FRIENDS, THE (JH, Color)

Cows on the Farm
Horses on the Farm
Pigs on the Farm
Sheep on the Farm
Chickens on the Farm
Cats on the Farm

Real-life situations involving children and farm animals are presented.

p Approx. 25 frames ea. $.50 ea.

FEDERAL COURTS AND LAW ENFORCEMENT (McGH)

Discusses the various types of federal courts and the areas of their jurisdiction. Describes the types of cases which come before these federal courts, and the cases in which the Supreme Court has original jurisdiction. Shows that responsibility for federal judicial administration and law enforcement rests with Congress and the president and describes some of the principal activities of the Department of Justice in the enforcement of federal laws.

c 40 frames $.50

FEDERAL FINANCE (McGH)

Points out the various factors involved in the financial support of the federal government including taxes, budgets, the role of Congress, etc. Concludes with reference to the problems arising from increasing duplication of federal and state taxes, interstate tax competition, and the increasing cost of government.

c 42 frames $.50

FEDERAL GOVERNMENT SERIES: DEPARTMENT OF AGRICULTURE (YA)

Discusses the various services of the U.S. Department of Agriculture which aid the farmer and all other citizens.

j-h 43 frames $.50

FEDERAL GOVERNMENT SERIES: DEPARTMENT OF INTERIOR (YA)

Explains the structure of the U.S. Department of the Interior and the services which it performs for the nation.

j-h 38 frames $.50

FEDERAL GOVERNMENT SERIES: OUR CONGRESS (YA)

Explains how the two houses of the United States Congress are set up, the basis on which Senators and Representatives are chosen, and the duties and powers of Congress.

j-h 38 frames $.50

FEDERAL GOVERNMENT SERIES: OUR FEDERAL GOVERNMENT (YA)

Outlines the three main branches of the federal government of the United States.

j-h 44 frames $.50

FEDERAL GOVERNMENT SERIES: POST OFFICE DEPARTMENT (YA)

Shows how this department of the United States Government sees that mail is delivered efficiently from sender to receiver. Also explains the various classifications of mail and the special services of the department.

j-h 44 frames $.50

FESTIVALS (CUR, Color)

Throughout Europe, religious and semi-religious festivals that originated during the Middle Ages are still held every year. Details of these traditional observances have changed little during the centuries since they become established in medieval times.

i-j 25 frames $.50

FIFTH GRADE SET (SVE)

Engine Whistles
How They Travelled in Engine Whistles, Part I
How they Travelled in Engine Whistles, Part II

These sets of filmstrips are correlated with the Alice and Jerry Readers published by Row, Peterson and Company. Suitable for use with other basic reading texts.

p Approx. 48 frames ea. $.50 ea.

FIGURE DRAWING (VS)

Stimulates pupil to do own sketching; provides figures and features in one easy lesson.

i-j-h 50 frames $.50

FINGER PAINTING (YA, Color)

Illustrates expression with finger paints. Although commercial finger paints and finger painting can be used the material used in the filmstrip was bottled starch, of the type found in grocery stores, mixed with powdered color. Ordinary glazed shelf paper was used to work on.

p 35 frames $.50

FINISHING TOUCHES (YA)

Explains and demonstrates important skill in sewing.

j-h-c-a 37 frames $.50

FIR TREE (SVE, Color)

Presents the story of Hans Christian Andersen, illustrated by the Danish artist, Paul Lorentz.

p-i 26 frames $.50

FIRE SAFETY (SVE)

Explains some of the most common causes of fire, and the damage which follows. Emphasizes the need to remain calm in the advent of fire.

j-h 48 frames $.50

FIREBIRD, THE (JH, Color)

The legend of the Firebird, a fabulous creature in Russian Folklore, which is brilliantly represented in Stravinsky's music. Through colorful, lighted visualizations, the Firebird is portrayed as he helps Prince Ivan destroy the wicked Kastchei, after which Ivan wins the loveliest of the dancing princesses.

i-j-h-c-a 31 frames $.50

FIREBOAT, THE (YA)

Describes the nature and work of the fireboat in a large, busy seaport. Tells how the fireboat protects the safety of shipping and harbor facilities.

i-j 42 frames $.50

FIRST AID — ARTIFICIAL RESPIRATION (CAA, Record)

Shows how to apply artificial respiration by the prone pressure method.

j-h-c-a 33 frames 8 minutes Handling charge, $.50

FIRST AID SERIES: DRESSINGS AND BANDAGES USED IN FIRST AID (YA)

Explains and demonstrates the dressings and bandages used in first aid for most emergencies, prescribed in the manuals issued by the American Red Cross.

i-j-h-c-a 43 frames $.50

FIRST AID SERIES: FIRST AID FOR BLEEDING AND SHOCK (YA)

Explains and demonstrates first aid for bleeding and shock, based on the techniques and procedures prescribed in the manuals issued by the American Red Cross.

i-j-h-c-a 41 frames $.50

FIRST AID SERIES: FIRST AID FOR BONE, MUSCLE, AND JOINT INJURIES (YA)

Explains and demonstrates first aid for bone, muscle, and joint injuries, prescribed in the manuals issued by the American Red Cross.

i-j-h-c-a 51 frames $.50

FIRST AID SERIES: FIRST AID FOR INJURIES CAUSED BY HEAT AND COLD (YA)

Explains and demonstrates first aid for injuries caused by heat and cold, prescribed in the manuals issued by the American Red Cross.

i-j-h-c-a 37 frames $.50

FIRST AID SERIES: FIRST AID IN COMMON EMERGENCIES (YA)

Explains and demonstrates first aid in common emergencies, prescribed in the manuals issued by the American Red Cross.

i-j-h-c-a 42 frames $.50

FIRST AID SERIES: FIRST AID FOR WOUNDS (YA)

Explains and demonstrates first aid for wounds, prescribed by the American Red Cross.

i-j-h-c-a 40 frames $.50

FIRST AID SERIES: TRANSPORTATION OF THE INJURED (YA)

Explains and demonstrates transportation of the injured, prescribed in the manuals issued by the American Red Cross.

i-j-h-c-a 34 frames $.50

FIRST AID SERIES: USE OF ARTIFICIAL RESPIRATION (YA)

Explains and demonstrates the use of artificial respiration, prescribed in the manuals issued by the American Red Cross.

i-j-h-c-a 38 frames $.50

FIRST AID SERIES: YOUR RESPONSIBILITIES IN FIRST AID (YA)

Explains and demonstrates one's responsibilities in first aid, prescribed in the manuals issued by the American Red Cross.

i-j-h-c-a 38 frames $.50

FIRST HOMES, THE (EGH, Color)

Indicates the factors which influenced the first homes of man.

i-j 23 frames $.50

FLAG DEVELOPS, THE (FFX)

Traces the growth of the "Stars and Stripes" from its early form to the flag of today.

i-j-h 27 frames $.50

FLIGHT INSTRUMENTS (CAA)

Explains the operation of instruments relating to flight, their basic construction, common causes of faulty readings, and explains compensations required for altitude and temperature factors.

h-c-a 87 frames Handling charge, $.50

FLUIDS (JH)

Liquid Pressure
Transmitting Pressure Through Liquids
Buoyancy and Archimedes' Principle
Density and Specific Gravity — Flotation
Specific Gravity of Solids and Liquids
Atmospheric Pressure
Exploring the Atmosphere — Streamline Flow
Barometers and the Weather
Gas Pressure
Measuring Fluid Pressure
Bernoulli's Principle
Reciprocating Pumps
Jet Pumps, Siphons, Rotating Pumps

Covers the basic principles, problems and practical applications of fluids.

h 55-90 frames $.50 ea.

FOLK TALES, LEGENDS AND STORIES (IEM, Color)

Monkey See — Monkey Do
Jose of El Salvador
Peach Boy of Japan
Dancing Bread
Crackling Mountain
Alice in Wonderland
Yung-Ja of Korea

Illustrates some folk tales, legends and stories of many lands.

p-i Approx. 35 frames ea. $.50 ea.

FOLK TALES SERIES NO. 1: CLEVER MANKA (YA, Color)

Presents a folk tale from Czechoslovakia, designed for the grade 4-8 language arts program.

i-j 45 frames $.50

FOLK TALES SERIES NO. 1: FIVE CHINESE BROTHERS (YA, Color)

Presents a folk tale from China, designed for the grade 4-8 language arts program.

i-j 43 frames $.50

FOLK TALES SERIES NO. 1: THE GOOSE GIRL (YA, Color)

Presents a folk tale from Germany, designed for the grade 4-8 language arts program.

i-j 46 frames $.50

FOLK TALES SERIES NO. 1: GULBRAND-ON-THE HILLSIDE (YA, Color)

Presents a folk tale from Scandinavia, designed for the grade 4-8 language arts program.

i-j 39 frames $.50

FOLK TALES SERIES NO. 1: PINOCCHIO (YA, Color)

Presents a folk tale from Italy, designed for the grade 4-8 language arts program.

i-j 59 frames $.50

FOLK TALES SERIES NO. 1: TINKER AND THE GHOST (YA, Color)

Presents a folk tale from Spain, designed for the grade 4-8 language arts program.

i-j 48 frames $.50

FOOD FROM THE SUN (SI, Color)

Presents an account of the process of photosynthesis — how sugar is made in the green leaves of every plant — how the sugar is transformed into fats, oils, protein, fibers and fuels. Concludes with the part that carbohydrates play in good nutrition and the non-food uses of sugar.

i-j-h-c-a 50 frames $.50

FOOLISH DONKEY (CUR, Color)

Presents the fable from Aesop, retold with vocabulary for primary grades.

p-i 21 frames $.50

FORCED LANDINGS (CAA)

Reviews common causes of forced landings, and explains proper procedures to follow for forced landings under various conditions.

h-c-a 71 frames Handling charge, $.50

FORCES IN FLIGHT (CAA)

Explains the aerodynamic forces acting on the wing in relation to control surfaces and center of gravity.

h-c-a 67 frames Handling charge, $.50

FORMULAS (SVE)

Diagrams and photographs from the daily environment explain basic algebraic concepts and uses.

j-h 52 frames $.50

FOUNDATIONS OF CHEMISTRY (SVE)

The Atmosphere
Carbon and Its Oxides
Chlorine and Its Compounds
Facts and Laws
Fire and Fuels
Laws and Theories
Nitrogen and Its Compounds
Oxygen and Hydrogen
Sulphur and Its Compounds

Illustrates basic chemical terms and formulas and their use in industry. Simplifies understanding of basic chemical terms and formulas.

j-h-c Approx. 55 frames ea. $.50 ea.

FOUR MUSICIANS (YA, Color)

Presents the children's story in art work by a leading illustrator of children's literature.

p 51 frames $.50

FOUR SEASONS (EGH)

Nature in the Four Seasons
Trees and Flowers in the Four Seasons
Animals in the Four Seasons
Workers in the Four Seasons

Develops the important concepts associated with the change in seasons. Various activities are shown and the effect of seasonal change is followed throughout the year.

p-i Approx. 25 frames ea. $.50 ea.

FOURTH GRADE SET (BEF)

Singing Wheels, Part I
Singing Wheels, Part II

Part of "Alice and Jerry Reading Series" correlated with the Readers published by Row, Peterson & Co. May also be used with other readers in reading classes.

p 44 and 46 frames $.50 ea.

FRACTIONS (CUR)

The Meaning of Fractions
Changing the Terms of Fractions
Adding Like Fractions and Mixed Numbers
Subtracting Like Fractions and Mixed Numbers
Adding Unlike Fractions and Mixed Numbers
Subtracting Unlike Fractions and Mixed Numbers
Multiplying Fractions and Mixed Numbers
Dividing Fractions and Mixed Numbers

Explains fractions and principles used in computation. Arranged according to basic curriculum units.

i Approx. 30 frames ea. $.50 ea.

FRACTURES: PART I (CAA, Record)

Shows the two principal types of fractures, and the general first aid and specific treatment for fracture of the leg, forearm, upper arm, elbow, finger, and collar bone.

j-h-c-a 55 frames 12 minutes
Handling charge, $.50

FRACTURES: PART II (CAA, Record)

Shows the first aid treatment for fractures of the skull, nose, jaw, spine, ribs, pelvis, thigh, kneecap, foot, and toes. Outlines five general first aid rules.

j-h-c-a 55 frames 13 minutes
Handling charge, $.50

FRANCE IN THE 18TH CENTURY (LI, Color)

Photographs of drawings, paintings, and engravings portray the period of intellectual and social upheaval in France termed the "Age of Enlightenment."

h-c-a 56 frames $.50

FREEDOM OF EXPRESSION (CUR, Color)

Ed, Joe, and Helen oppose the plans for a new garbage disposal plant in Fairtown, an ideal democracy, by using their rights to sift the facts, speak freely, hold meetings, and publish their opinions.

j-h 44 frames $.50

FREIGHT TRAINS AT WORK (CUR, Color)

From freight yard to destination, photographs show freight train crews working in box cars, flat cars, poultry cars, milk tank cars, caboose, etc.

p 27 frames $.50

FREIGHTER, THE (YA)

Tells how the freighter is built to handle and carry its cargo and shows the life of the men who run the ship.

i-j 35 frames $.50

FRENCH THROUGH PICTURES (ES)

A unique, effective language instruction method, using the direct approach, developed by Language Research, Harvard University.

i-j-h-c-a 6 filmstrips, 36 frames ea. $.50 ea.

FRIENDS WHO HELP US (SVE)

Presents the picture story of boys and girls discovering community helpers and friends.

p-i 27 frames $.50

FROM BUCKSKINS TO BOBBY-SOX (UWI)

Pictures the evolution of women's dress styles from the buckskin of the Indians of Wisconsin to modern "bobby-soxers."

i-j-h-c-a 25 frames $.50

FUEL AND FEED (CAA)

Explains the operation of both gravity and pressure fuel feed systems; emphasizes the nature and importance of various parts of those systems, and discusses the dangers and causes of vapor lock.

h-c-a 76 frames Handling charge, $.50

FUEL LEVEL GAGES (CAA)

Illustrates mechanical and electrical gages, their operating principles, methods of inspection and maintenance.

h-c-a 43 frames Handling charge, $.50

FUN ON A PICNIC (CUR, Color)

Janet and Peggy make sandwiches and are taken on a picnic. They ride on a toy train, in a rowboat, and on friendly ponies.

p 26 frames $.50

FUN PARK (CUR, Color)

Two children on a visit to a typical fun park ride on trains and merry-go-rounds, and enjoy the giant slides and other amusements.

p 24 frames $.50

FUN WITH MITZIE (PS, Color)

The story of Mitzie, a black and white kitten, and Betty Smith, a girl of seven, develops concepts of the care and treatment of cats and animals in general. Shows habits of cats.

p 41 frames $.50

FUNDAMENTALS OF ENGLISH: ADJECTIVES AND ADVERBS (YA, Color)

Is intended to introduce or review units of study on grammar, and in general to motivate the study of grammar.

i-j-h 56 frames $.50

FUNDAMENTALS OF ENGLISH SERIES: NOUNS AND THEIR USES (YA, Color)

Introduces and reviews nouns and their uses.

i-j-h 56 frames $.50

FUNDAMENTALS OF ENGLISH SERIES: PREPOSITIONS AND CONJUNCTIONS (YA, Color)

Introduces and reviews prepositions and conjunctions.

i-j-h 43 frames $.50

FUNDAMENTALS OF ENGLISH SERIES: PRONOUNS AND THEIR USES (YA, Color)

Introduces and reviews pronouns and their uses.

i-j-h 53 frames $.50

FUNDAMENTALS OF ENGLISH SERIES: SIMPLE SENTENCES (YA, Color)

Introduces and reviews simple sentences.

i-j-h 39 frames $.50

FUNDAMENTALS OF ENGLISH SERIES: VERBS (YA, Color)

Introduces and reviews verbs.

i-j-h 50 frames $.50

FUNDAMENTALS OF SQUARE DANCING (SS, Color)

Presents the principal figures used in most square dances. Gives the calls most commonly used and illustrates them.

i-j-h-c-a 25 frames $.50

FUTURE IN HAND (McGH)

Intended to help young people meet the demands of family living, dating and courtship.

j-h-c-a 30 frames $.50

GARDEN WE PLANTED TOGETHER (UNFD)

Tells the story of how children of many countries joined together to plant a garden. Relates this story to the United Nations where grownups joined together to make the world a better place for all the mothers and fathers and boys and girls.

p-i 52 frames $.50

GEORGE WASHINGTON'S MOUNT VERNON (MUF, Color)

Tells the how and why of this home and others like it — the story of the great plantations of our early years. It develops a better understanding of the important early years of our country.

j-h 40 frames $.50

GEOGRAPHY OF THE AMERICAN PEOPLES (SVE)

The Northeastern United States — Color

- Valley Regions of the Northeast
- Where East and South Meet
- Living in New England
- Five Great Cities

The South — Color

- Resources and Manufacturing
- Industries
- Agriculture
- Subtropical Coastal Lands
- Subtropical Coastal Lands and Western Texas

The Middle West — Color

- The Cornbelt
- East and South of the Cornbelt
- West and North of the Cornbelt
- City People of the Middle West

Canada and the Far North — Color

- Lands of Few People
- Southwestern Canada and the Wheat Region
- Region of Most People and Southeastern Canada
- Alaska — the Land and Its People

Designed to present a clear, motivated, organized, and comprehensive explanation of how people live in each region of the Americas. The maps and color photographs of real people and places, although stressing contemporary living, also show its relation to the historical development of each region.

i-j Approx. 45 frames ea. $.50 ea.

GERMAN THROUGH PICTURES — PARTS I & II (ES)

Part I parallels the first half of the various Pocket Books of the same name; the second part parallels the second half of the various Pocket Books.

i-j-h-c-a Approx. 36 frames ea. $.50 ea.

GERMANY DIVIDED (NYT)

Reviews the history of Germany since 1870 and describes the problems which exist at the present time in the eastern and western zones.

h-c-a 53 frames $.50

GIFT OF ST. NICHOLAS (CUR, Color)

Tells the Christmas tale from the time when New York was the Dutch city of New Amsterdam, about the man whose strange visitor told him not to sell his present from St. Nicholas.

p 26 frames $.50

GINGERBREAD BOY (YA, Color)

Presents the children's story in art work by a leading illustrator of children's literature.

p 34 frames $.50

GINGHAM DOG AND CALICO CAT (STIL, Color)

Follows the text of the poem by Eugene Field.

p 28 frames $.50

GIOTTO'S LIFE OF CHRIST (LI, Color)

Presents the "Life of Christ" frescoes in the Arena Chapel at Padua, Italy, painted in the 14th century by the Florentine artist, Giotto di Bondone.

j-h-c-a 55 frames $.50

GOAT FARM, THE (CUR, Color)

Presents the daily life and growth cycle of goats, and their usefulness to man.

p 30 frames $.50

GOATS (EB)

Two humorous young goats and Old Billy amuse the audience with their antics, while the audience learns of their habits, characteristics and care.

p-i-j 52 frames $.50

GOLDEN GATE TO THE WEST (MUF, Color)

Tells the story of the discovery of gold in California, of the thousands of people who poured into the area by Conestoga wagons and Clipper ships. The rapid growth of the American idea — conquer the wilderness, build as fast as you can, acquire possessions — is nowhere better documented than in the story of the development of California.

j-h 40 frames $.50

GOLDILOCKS AND THE THREE BEARS (SVE, Color)

Art work illustrations depict the leading incidents while text frames preserve the continuity.

p 44 frames $.50

GOOD FORM AT KEY AND PHONES (CAA)

Shows how to adjust and use the headset and sending key properly.

h-a 46 frames Handling charge, $.50

GOOD HEALTH AND YOU (EGH, Color)

- Why Be Healthy
- Right Habits Help Health

Health and Teeth
Right Clothes Help Health
Community Helpers for Health
Health and Exercise
Health and Safety
Right Foods Help Health
Health and Eyes

A set of 9 filmstrips presenting typical life experiences of girls and boys in the lower grades in such a way as to help the teacher to arouse in them a desire to conform to desirable health patterns.

p-i Approx. 25 frames ea. $.50 ea.

GRANDEUR THAT WAS ROME (EGH, Color)

Art work illustrations show the contribution of Ancient Roman civilization in the fields of government, architecture, religion, the calendar, and the alphabet. Concludes with a summary of the achievements and contributions to civilization of this period.

j-h 20 frames $.50

GRAY SQUIRREL (EB)

Pictures the life and habits; shows a mother caring for her young, how squirrels play, find food, store food, and build nests.

p-i-j 76 frames $.50

GREAT AMERICAN FRONTIERSMEN (SVE, Color)

The Story of Daniel Boone
The Story of David Crocket
The Story of Kit Carson
The Story of Brigham Young
The Story of Buffalo Bill

A set of 5 filmstrips presenting authentic material about the significant events in the lives of these famous Americans. Instills an appreciation of the hardships they endured.

i-j Approx. 35 frames ea. $.50 ea.

GREAT AMERICAN PRESIDENTS (SVE, Color)

The Story of George Washington
The Story of Abraham Lincoln
The Story of Andrew Jackson
The Story of Thomas Jefferson
The Story of Theodore Roosevelt

A set of 5 filmstrips presenting authentic material about the significant events in the lives of these famous Americans. Instills an appreciation of the hardships they endured. Excellent for special assembly programs.

i-j Approx. 35 frames ea. $.50 ea.

GREAT EXPLORERS OF AMERICA (SVE, Color)

The Story of Christopher Columbus
The Story of Hernando De Soto
The Story of Father Marquette
The Story of Lewis and Clark
The Story of Admiral Byrd

A set of 5 filmstrips depict the important events in the lives of these famous men. Captions tell the story of their personal qualities and explorations.

i-j Approx. 35 frames ea. $.50 ea.

GREAT EXPLORERS SERIES NO. 1: JOHN CABOT (YA, Color)

Presents art work illustrations of the life and exploits of the explorer.

i-j 41 frames $.50

GREAT EXPLORERS SERIES NO. 1: HERNANDO CORTEZ (YA, Color)

Presents art work illustrations of the life and exploits of the explorer.

i-j 38 frames $.50

GREAT EXPLORERS SERIES NO. 1: LEWIS AND CLARK (YA, Color)

Presents art work illustrations of the lives and exploits of the explorers who are important in the history of the United States.

i-j 40 frames $.50

GREAT EXPLORERS SERIES NO. 1: FERDINAND MAGELLAN (YA, Color)

Presents art work illustrations of the life and exploits of the explorer.

i-j 42 frames $.50

GREAT EXPLORERS SERIES NO. 1: JACQUES MARQUETTE (YA, Color)

Presents art work illustrations of the life and exploits of the explorer.

i-j 45 frames $.50

GREAT EXPLORERS SERIES NO. 1: MARCO POLO (YA, Color)

Presents art work illustrations of the life and exploits of the explorer.

i-j 44 frames $.50

GREAT EXPLORERS SERIES NO. 2: SAMUEL CHAMPLAIN (YA, Color)

Art work illustrations picture the life and exploits of the explorer important in the history of the United States.

i-j 40 frames $.50

GREAT EXPLORERS SERIES NO. 2: CHRISTOPHER COLUMBUS (YA, Color)

Art work illustrates the life and exploits of the explorer important in the history of the United States.

i-j 36 frames $.50

GREAT EXPLORERS SERIES NO. 2: FRANCISCO CORONADO (YA, Color)

Art work illustrates the life and exploits of the explorer.

i-j 37 frames $.50

GREAT EXPLORERS SERIES NO. 2: HERNANDO DE SOTO (YA, Color)

Art work illustrates the life and exploits of the explorer.

i-j 35 frames $.50

GREAT EXPLORERS SERIES NO. 2: FRANCIS DRAKE (YA, Color)

Art work illustrates the life and exploits of the explorer.

i-j 39 frames $.50

GREAT EXPLORERS SERIES NO. 2: HENRY HUDSON (YA, Color)

Art work illustrates the life and exploits of the explorer.

i-j 43 frames $.50

GREATEST SHOW ON EARTH (AVG, Color)

Presents scenes of the circus, based on the feature film of the same title produced by Paramount Pictures.

p-i-j 42 frames $.50

GREEDY DOG (CUR, Color)

Presents the fable of Aesop retold with vocabulary for primary grades.

p-j 23 frames $.50

GROOMING FOR GIRLS SERIES: YOU AND YOUR GROOMING (YA)

Presents the basic problems and techniques of good grooming for teen-age girls.

j-h-c 45 frames $.50

GROOMING FOR GIRLS SERIES: YOUR CLOTHING (YA)

Presents the basic problems and techniques of caring for clothing.

j-h-c 43 frames $.50

GROOMING FOR GIRLS SERIES: YOUR FACE (YA)

Presents basic problems and techniques for grooming the face.

j-h-c 40 frames $.50

GROOMING FOR GIRLS SERIES: YOUR FIGURE (YA)

Presents the basic problems and techniques for caring for the figure.

j-h-c 36 frames $.50

GROOMING FOR GIRLS SERIES: YOUR HAIR (YA)

Presents the basic problems and techniques in grooming the hair.

j-h-c 38 frames $.50

GROOMING FOR GIRLS SERIES: YOUR HANDS AND FEET (YA)

Presents the basic problems and techniques for caring for the hands and feet.

j-h-c 39 frames $.50

GROS NAVET (with French captions) (GES)

A peasant plants a turnip which grows so large that it takes the whole family including the dog and the cat to pull it up.

h-c 35 frames $.50

GROUND ADJUSTABLE PROPELLERS (CAA)

Covers the parts, removal, installation, inspection, and cone bottoming of ground-adjustable propellers.

c-a 55 frames Handling charge, $.50

GROUP LIFE FOR THE PRESCHOOL CHILD (NYU)

Presents scenes of group activities at the Harriet Johnson Nursery School, known as the Bank Street School, in New York City.

c-a 36 frames $.50

GROWING THINGS (JH, Color)

Plants Grow
Trees Grow
Butterflies Grow
Toads Grow
Birds Grow
Rabbits Grow
We Grow

Shows how different kinds of living things grow.

p Approx. 25 frames ea. $.50

GROWING UP WITH MIKE (SVE, Color)

Mike Finds Out About Growing
Mike Finds Out About Learning
Mike Finds Out About Friendship

A set of 3 filmstrips focusing attention on relationships with family, friends, and pets. Stresses cooperation in learning and in helping others. Promotes discussion on the different ways children grow.

p-i 47 frames ea. $.50 ea.

GROWTH OF OUR NATION, THE—1783 TO 1860 (EGH, Color)

A Difficult Period, 1783-1788
The New Plan of Government
Problem of the New Nation
The War of 1812
Westward Ho

The Spread of Democracy
Andrew Jackson and Texan Independence
The Nation Grows
Better Ways of Living

A set of 9 filmstrips showing the birth, development and growth of our new nation from the close of the Revolutionary War to the beginning of the Civil War. The great contributions of founders and organizers, such as Washington, Hamilton, Jefferson, Adams, Monroe, Jackson, and others are stressed.

i-j Approx. 40 frames ea. $.50 ea.

HAMLET (YA)

Based on the feature film starring Laurence Olivier.

h-c 60 frames $.50 per wk.

HANS CHRISTIAN ANDERSEN FAIRY TALES (SVE, Color)

The Fir Tree
The Little Match Girl
The Emperor's New Clothes
The Swineherd
Thumbelina
Silly Hans
The Tinder Box
What the Old Man Does
Little Claus and Big Claus
The Princess and the Pea; Deep Felt Grief
The Ugly Duckling
Brownie at the Grocer's; The Darning Needle

Illustrates Andersen's favorites with original drawings by Denmark's famed Paul Lorentz.

p-i Approx. 45 frames ea. $.50 ea.

HANSEL AND GRETEL (JH, Color)

The familiar Hansel, Gretel and the old witch appear in the same version as in Humperdinck's opera. The pictorial story establishes a background for the well-known children's songs from the famous opera.

p-i 31 frames $4.75

HAPPILY EVER AFTER (FPI)

Illustrates what happens when Johnny Gay falls in love, becomes engaged, and married. Shows that when children have been taught to make decisions and enjoy the confidence of their parents, there is little need for worry.

h-c-a 50 frames $.50

HAPPY DAY, A (MTX, Color)

With the story in verse of a day in the life of a happy family, stresses habits of health and safety, especially emphasizing good breakfasts.

p 26 frames $.50

HARBOR, THE (YA)

Explains the work of the busy seaport — how it is built and organized to take care of all manner of ocean shipping and also how it handles the cargo and passengers that flow through it.

i-j 35 frames $.50

HARBOR BOATS AT WORK (CUR, Color)

Presents boats that usually stay within the harbor — tugboats, barges, ferries, police boat, fireboat, coast guard cutter. Shows buoys and dredges, etc.

p 30 frames $.50

HAWAIIAN ISLANDS (INF, Color)

Depicts life in the Hawaiian Islands.

i-j-h 46 frames $.50

HEADLINES (SVE, Color)

Presents hair grooming for teen-age girls, including hair hygiene, the steps in giving a home permanent wave, and examples of hairdos.

j-h 66 frames $.50

HEALTH ADVENTURES (JH, Color)

Health — Your Teeth and Their Care
Health — Your Eyes at Work
Health — How Your Ears Work
Health — Your Nose and Throat
Health — Your Skin and Its Care
Health — Your Food and Digestion
Health — Your Heart and Lungs
Health — Your Bones and Muscles
Health — Sleep and Rest

Shows how the human body works and why health rules are important.

i-j Approx. 68 frames ea. $.50 ea.

HEAT (JH)

Temperature
Heat Expansion
Gas Expansion
Measurement of Heat
Fusion
Vaporization
Refrigeration
Humidity
Heat Transfer
Putting Heat to Work
Internal Combustion Engines

The basic concepts of heat are presented by illustrated explanations, applications and discussion questions.

h 65-85 frames ea. $.50 ea.

HENRY THE FIFTH (YA)

Based on the feature film starring Laurence Oliver.

h-a 42 frames $.50

HIGH FLIGHT FOR FIFTH GRADERS (CAA, Record)

Tells the story of how a fifth-grade class at Stedman School in Denver learned some important things about aviation and the part it has come to play in our lives.

c 112 frames Handling charge, $.50

HISTORY OF LAND TRANSPORTATION (SVE)

Presents a chronological development of land transportation organized into three main divisions: historic modes of transportation; application of steam power engines in the development of railway transportation; application of the gasoline engine in the development of the automobile.

i-j-h 64 frames $.50

HISTORY OF MEASURES SERIES: HISTORY OF AREA MEASURES (YA)

Traces the acre and earlier units of area measurement. Shows the relationship between the evolution of modern units and man's ability to multiply numbers.

i-j 31 frames $.50

HISTORY OF MEASURES SERIES: HISTORY OF LINEAR MEASURES (YA)

Describes early units of linear measure and shows the evolution of such units as the foot, yard, rod, etc.

i-j 36 frames $.50

HISTORY OF MEASURES SERIES: HISTORY OF OUR CALENDAR (YA)

Describes man's earliest efforts to devise an accurate calendar and tells how we got our names for months and days.

i-j 35 frames $.50

HISTORY OF MEASURES SERIES: HISTORY OF OUR NUMBER SYSTEM (YA)

Presents the history of our number symbols and counting, including number systems and the development of the Hindu-Arabic number system.

i-j 35 frames $.50

HISTORY OF MEASURES SERIES: HISTORY OF TELLING TIME (YA)

Traces man's efforts to build time-keeping devices through the ages and describes the evolution of the modern clock.

i-j 38 frames $.50

HISTORY OF MEASURES SERIES: HISTORY OF WEIGHT AND VOLUME MEASURE (YA)

Presents the story of early measures of weight and volume and the origin of the units of measure used today.

i-j 36 frames $.50

HISTORY OF SHELTER (SVE)

Illustrates types of shelters such as tents, cave homes, Egyptian homes. Explains influence of Rome and Greece on modern architecture.

i-j 70 frames $.50

HISTORY OF THE AMERICAN PEOPLE (SVE)

Discovery and Exploration (1492-1620)
The English Settlement and Colonial Conflict (1620-1763)
The American Revolution
The Beginnings of the American Nation (1781-1793)
Establishment of the American Nation at Home and Abroad (1793-1815)
The Growing Republic — The Rise of the New West (1815-1850)
Westward Movement and the Rising Slavery Question (1815-1850)
Sectional Conflicts (1850-1861)
The War for Southern Independence
The Country During Civil Wartime and Reconstruction (1861-1877)
Mechanical and Industrial Progress (1850-1920)
Changes in American Life (1865-1920)
Political and Social Reform (1870-1916)
America As a World Power Before 1918
United States in World War I
Prosperity and Depression (1921-1933)
The New Deal Era (1933-1941)
Foreign Policy (1918-1941)
World War II — Home Front
World War II — Overseas

A set of 20 filmstrips showing maps and photographs of original historical pictures and relates history of the U. S. in chronological order with emphasis on colonization, expansion, industrial progress, social reform, and foreign policy. Presents an over-all view of U. S. history, pointing out interrelationship of events during this period, furnishing an incentive for research in specific areas.

i-j-h 50-65 frames ea. $.50 ea.

HISTORY OF THE WOOL TRADE (WBI)

Shows the beginnings of use of wool, from the Chaldeans in 2200 B.C., through the ages to the spinning jenny in 1764.

i-j-h-c-a 39 frames $.50

HISTORY OF WOOL TEXTILE PROCESSES (WBI)

Shows methods used in the Middle Ages and contrasts each operation with the modern machinery which performs the function today.

i-j-h-c-a 41 frames $.50

HOMEMAKING (CHAB)

Bread
Canned Vegetables, Fruits and Juices
The Gracious Hostess

Teaches relative values of bread, vegetables and fruits in the diet, economical buying, demonstrates proper storage of food. Stimulates an interest in newest ways of serving food.

j-h-c Approx. 50 frames ea. $.50 ea.

HOME REPAIR SERIES #1: ELECTRICAL REPAIRS, PART I (YA)

Demonstrates and explains the procedures for making some of the simple and frequently-needed electrical repairs in the home.

j-h-e 42 frames $.50

HOME REPAIR SERIES #1: ELECTRICAL REPAIRS, PART II (YA)

Demonstrates and explains the procedures for making some of the simple and frequently-needed repairs in the home.

j-h-e-a 41 frames $.50

HOME REPAIR SERIES #1: PAINTING IN YOUR HOME, PART I (YA)

Demonstrates and explains the procedures for painting in the home.

j-h-e-a 46 frames $.50

HOME REPAIR SERIES #1: PAINTING IN YOUR HOME, PART II (YA)

Demonstrates and explains the procedures for painting articles in the home.

j-h-c-a 44 frames $.50

HOME REPAIR SERIES #1: PLUMBING REPAIRS (YA)

Demonstrates and explains the procedures for making some of the simple and frequently-needed plumbing repairs in the home.

j-h-e-a 46 frames $.50

HOME REPAIR SERIES #1: REPAIRING DOORS AND WINDOWS (YA)

Demonstrates and explains the procedures for repairing doors and windows.

j-h-e-a 40 frames $.50

HOMESPUN HOLIDAY (YA, Color)

Contemporary life in Ireland is reflected in the story of a Dublin girl who wins a Gaelic-speaking contest and is awarded a trip to the coast of western Ireland.

i-j 47 frames $.50

HORSE, THE (EB)

Shows the development and training of a colt on a Kentucky farm from one week to three years of age and explains the greatly changed role of the horse in modern life.

p-i-j 74 frames $.50

HORSES ON THE FARM (TRK)

Shows a day at a horse farm with Dick and Jane. They see the colt, feed and water the horses, watch the horses being shod, and many other things of interest to children.

p 23 frames $.50

HOW AMERICA IS CLOTHED (EGH, Color)

Shows machines that have helped in the growth of the clothing industry; describes the evils of the old sweatshop system; and pictures New York as the garment center of the world.

i-j 22 frames $.50

HOW ANIMALS GET AIR (SVE)

Presents skin breathing animals (earthworms), animals which must rely on gills (fish), and animals which have lungs (frogs, snakes).

i-j-h 35 frames $.50

HOW ANIMALS GET FOOD (UW)

Discusses the various methods employed in eating by insects (moth, dragonfly, termites, beetles) snakes, vultures, gulls, squirrels, rats, fox, deer, etc.

i-j-h 30 frames $.50

HOW ANIMALS GROW UP (SVE)

Presents the stages of metamorphosis in such animals as katydid, water beetles, caterpillar, fly, opossum, etc.

i-j-h 41 frames $.50

HOW GREEN WAS MY VALLEY (FI)

Supplements the film by the same title.

j-h 65 frames $.50

HOW LIFE INSURANCE BEGAN (ILI, Color)

Traces early examples of man's efforts to overcome danger and uncertainty and shows how these efforts grew into the modern life insurance. Describes the first friendly societies in England and the spread of life insurance to the United States. Also the birth of the agent system and how policies have been liberalized.

h-e-a 45 frames $.50

HOW LIFE INSURANCE OPERATES (ILI, Color)

How a high school students sets up a "book insurance" plan to replace lost textbooks that introduces an explanation of how life insurance works. Compares the book plan with simple term insurance, to show how both are based on the idea of risk-sharing. Illustrates why term premiums must be increased as the policy grows older.

h-c-a 45 frames $.50

HOW LIFE INSURANCE POLICIES WORK (ILI, Color)

Analyzes the needs of four typical policy-holders and shows how these basic policies work — a term policy, straight life policy, a limited payment policy and an endowment policy.

h-e-a 45 frames $.50

HOW LIFE INSURANCE WORKS (UI)

Includes copies of the students' manual and teachers' guide. Produced by the commerce department at the University of Illinois.

j-h 30 frames $.50

HOW MAN HAS LEARNED TO MAKE CLOTH (PS)

Pictures the history of man's development.

p-i 40 frames $.50

HOW MAN HAS LEARNED TO SHELTER HIMSELF (PS)

Traces the history of man's shelter from arboreal living to modern times, and illustrates how man learned to construct shelters to meet his needs.

p-i 40 frames $.50

HOW MAN MASTERED FIRE (PS)

The story of the contributions of fire to our civilization, showing man's first experience with fire in terms of man's use of it and the value of fire to man.

p-i 40 frames $.50

HOW RAYON IS MADE (AVC)

Shows in detail the two major processes in rayon production-viscose and acetate.

j-h-a 27 frames $.50

HOW SANTA CLAUS CAME TO AMERICA (SVE, Color)

Reveals how the name of Santa Claus came to be known in America and other little known facts about Christmas customs.

p-i 28 frames $.50

HOW THE BIRDS GOT THEIR COLOR (CAR, Color)

A fanciful story illustrated by pictures of many birds.

p-i 26 frames $.50

HOW TO BUY A BLOUSE (YA)

Shows the important features that must be considered when buying a blouse; style, quality and fit.

h-e-a 41 frames $.50

HOW TO KEEP YOUR BULLETIN BOARD ALIVE (OSU, Color)

Attempts to diagnose the present faults of bulletin boards. Some general rules about captions, text and illustration are suggested which will help the person preparing the board improve his layout technique.

c-a 32 frames $.50

HOW TO LISTEN (SVE)

How to Tell the Difference Between Essentials and Details
How to Discover the Purpose of a Speaker
How to Tell the Difference Between Facts and Opinions
Information; Persuasion; Propaganda

Provides techniques for improving listening.

j-h-c Approx. 50 frames ea. $.50 ea.

HOW TO LIVE WITH THE ATOM (FH)

Dispels false hopes for safety from atomic attack and suggests supra-national control as the one means to prevent all nations from using the bomb.

h-c-a 63 frames $.50

HOW TO STUDY (VS)

A cartoon story which portrays Joe and his troubles with his lessons and coach, all because his grades are too low. After a session with the guidance director Joe discovers the way to success in study and life depends on some simple well-known rules.

j-h 25 frames $.50

HOW WE GET OUR COAL (YA)

Shows how coal is mined and prepared for the consumer.

i-j-h 41 frames $.50

HOW WE GET OUR COTTON (YA)

Shows where cotton is grown; how it is raised, harvested, ginned and baled; how cotton textiles are manufactured and how the various cotton products are utilized.

i-j 43 frames $.50

HOW WE GET OUR IRON AND STEEL (YA)

Follows the course of iron ore from the mine to the finished product.

i-j 38 frames $.50

HOW WE GET OUR OIL (YA)

Shows how men locate oil in the ground, how the well is drilled and how the oil is transported to the refinery. Points out the many products derived from the crude oil.

i-j-h 42 frames $.50

HOW WE GET OUR PAPER (YA)

Paper is traced from its very beginning with the harvesting of trees to furnish wood pulp to the making of a roll of paper on a huge paper machine. Many of the uses of paper are shown.

i-j-h 40 frames $.50

HOW WE GET OUR RUBBER (YA)

Pictures the rubber tree belt; shows how the trees are tapped and how the sap is converted into solid bales for shipment and how synthetic rubber and natural rubber are used in the manufacture of various articles.

j-h 44 frames $.50

HOW WE THINK OUR EARTH CAME TO BE (JH)

Presents the factors which scientists consider in arriving at the story of the earth's origin.

i-j 62 frames $.50

HOW, WHAT, WHY OF AUDIO-VISUAL EDUCATION (AVAC)

Answers some of these questions: What are the different kinds of audio-visual aids? What should be done to start a visual program? How can visual-aid programs be put across to various educational organizations?

c-a 50 frames $.50

HUMAN BIOLOGY (SVE)

Digestive System
Respiratory System
The Nervous System
Circulatory System
The Glandular System

Shows location and appearance of biological systems, explains their functions and processes involved. Based on the Dr. Winslow charts.

i-j-h 35-45 frames ea. $.50 ea.

HUMAN REPRODUCTION (McGH)

Based on the motion picture with the same name. Explains the human reproductive system and the process of conception, pregnancy and birth.

c 30 frames $.50

HUNTING AND FISHING IN SUMMER (CUR, Color)

Daily life in a typical Eskimo village showing hunting and fishing in the summer season.

p-i 26 frames $.50

HUNTING AND FISHING IN WINTER (CUR, Color)

Daily life in an Eskimo village showing hunting and fishing in the winter season.

p-i 26 frames $.50

HYDRAULIC MECHANISMS (CAA)

Explains the principle of a hydraulic system; shows the three types of pumps and the pressure control type of relief valve which are used in hydraulic systems; explains their operation.

h-c-a 49 frames Handling charge, $.50

HYDRAULIC STRUTS (CAA)

Explains the principles of operation of hydraulic struts and indicates briefly its uses and importance.

h-a 32 frames Handling charge, $.50

HYDRAULIC VALVES — DIRECTIONAL VALVES (CAA, Record)

Gives the purpose, construction, operation, and use of directional valves. Differentiates between the various types of directional valves; discusses common casualties, causes, and remedies, and other types of valves encountered in hydraulic systems.

h-c-a 96 frames Handling charge, $.50

HYDRAULIC VALVES — INTRODUCTION TO VALVES (CAA, Record)

Traces the history and evolution of hydraulic valves; explains the purposes of valves and defines simple and compound types.

h-c-a 77 frames Handling charge, $.50

HYDRAULIC VALVES — METHODS OF OPERATING VALVES (CAA, Record)

Explains manual, mechanical, electrical, and hydraulic valves, and combinations of these types.

h-c-a 50 frames Handling charge, $.50

HYDRAULIC VALVES — SIMPLE VALVES (CAA, Record)

Studies five simple hydraulic valves — gate, globe, needle, check, and simple relief — and points out common casualties occurring to these valves. Presents the causes and remedies.

h-c-a 65 frames Handling charge, $.50

IDEAL SECRETARY, THE (McGH)

Analyzes the boss' ideal secretary after showing some of the things a secretary's life is not. Gives helpful and detailed pointers on how the young secretary can become the efficient office assistant that every boss wants.

h-c-a 27 frames $.50

IMPORTANCE OF GOALS (McGH)

Based on the motion picture with the same title. Based on the case of thirteen year old Tommy showing that all education is essentially the process of attaining goals.

c-a 38 frames $.50

IN PUBLIC BUILDINGS (CUR, Color)

Original story intended to be a basis for discussion of desirable social habits and attitudes in situations familiar to children.

p 27 frames $.50

INDIAN LIFE (INF)

Drawings show how the various types of Indians lived in the Southeast, Eastern woodlands, Southwest, plains, and Northwest coast.

i-j-h 36 frames $.50

INDIAN TOOLS (DPP, Color)

How the early American Indians made and used stone tools.

i 33 frames $.50

INDIVIDUAL DIFFERENCES (McGH)

The case study of a shy, slow child who is different from his classmates and from his older socially adept brother. Points out the individual differences that must be met in terms of individual interests and capabilities.

c-a 49 frames $.50

INDUCTION SYSTEM ICING (CAA)

Tells the conditions under which ice will form, how it forms in the carburetor despite high temperatures, three methods used to prevent ice formation, and what the pilot must do to prevent ice from forming.

h-c-a 77 frames Handling charge, $.50

INDUCTIVE REACTANCE (CAA)

Explains the basic theory of inductive reactance and its application to radio instruments.

h-c-a 33 frames Handling charge, $.50

INFORMAL POINTERS FOR TEACHERS (JH, Record)

The Teacher
Some Principles of Teaching
I Want to Learn
The Lesson Plan
Make Your Chalk Talk
Teaching a Vocation
Shop Teaching
Designing Examinations (Part 1)
Designing Examinations (Part 2)

Presents basic attributes and qualifications for a good teacher and illustrate fundamental techniques and methods.

c-a Approx. 60 frames ea. $.50 ea.

INSPECTING THE EXTERNAL FUEL SYSTEM — PART I (CAA)

Demonstrates the procedures recommended for cleaning and inspecting the entire external fuel system of the airplane.

h-a 51 frames Handling charge, $.50

INSTRUMENT FLIGHT CONTROL — AIRPORT AND AIRWAY TRAFFIC CONTROL PROCEDURE: PART I — PREFLIGHT PROCEDURE (CAA, Record)

Shows the methods used in airport and airway traffic control and the *preflight actions* to be taken by a pilot prior to making an instrument flight.

h-c-a 52 frames 12 minutes
Handling charge, $.50

INSTRUMENT FLIGHT CONTROL — AIRPORT AND AIRWAY TRAFFIC CONTROL PROCEDURE: PART II — EN ROUTE PROCEDURE (CAA, Record)

Shows what actions are taken by the pilot en route and explains how airway traffic control personnel keep each flight posted and issue instructions to insure each flight a safe passage through the air during instrument weather conditions.

h-c-a 49 frames 12 minutes
Handling charge, $.50

INSTRUMENT FLIGHT CONTROL — ALTITUDE (CAA, Record)

Discusses various types of altitude and air pressure. Explains atmospheric pressure, pressure altitude, density altitude, station altimeter, aircraft altimeter, pressure readings, and altimeter adjustments at various altitudes.

h-c-a 51 frames 27 minutes
Handling charge, $.50

INSTRUMENT FLIGHT CONTROL — ANALYSIS OF MANEUVERS: PART I (CAA, Record)

Explains the difference between contact flying and instrument flying, how to maintain constant heading, how to deal with changing air density and how to account for attitudes.

h-c-a 37 frames 15 minutes
Handling charge, $.50

INSTRUMENT FLIGHT CONTROL — COCKPIT INSTRUMENT CHECKS (CAA, Record)

Illustrates tests on the air speed indicator, altimeter, vertical speed indicator, the coast test, and excessive drift tests.

h-c-a 62 frames 15 minutes
Handling charge, $.50

INSTRUMENT FLIGHT CONTROL — DIAPHRAGM INSTRUMENTS (CAA, Record)

Demonstrates speed and altitude control instruments: airspeed meter, vertical speed indicator, and sensitive altimeter; and power control instruments: manifold pressure gage, and tachometer.

h-c-a 59 frames 21 minutes
Handling charge, $.50

INSTRUMENT FLIGHT CONTROL — GYROSCOPIC INSTRUMENTS (CAA, Record)

Demonstrates artificial horizon, directional gyro, and turn and bank.

h-c-a 66 frames 25 minutes
Handling charge, $.50

INSTRUMENT FLIGHT CONTROL—MAGNETIC INSTRUMENTS (CAA, Record)

Explains the operating principle of the magnetic compass, meaning of easterly and westerly variation, how to account for it, how objects affect the compass, the purpose of the weight mass, compensating diaphragm, compass compensator, and the compensating magnets.

h-c-a 55 frames 23 minutes
Handling charge, $.50

INSTRUMENT FLIGHT CONTROL—RADIO NAVIGATION: PART I—RADIO RANGE FLYING (CAA, Record)

Explains the characteristics of the low frequency radio range; how its courses are produced; the signals heard by the pilot in each quadrant, along each course and how their intensity varies with the flight direction and position of the aircraft; the fan markers used to identify each course.

c-a 57 frames 25 minutes
Handling charge, $.50

INSTRUMENT FLIGHT CONTROL—RADIO NAVIGATION: PART II—BRACKETING (CAA, Record)

Explains procedures for bracketing a course of a low frequency radio range.

c-a 38 frames 20 minutes
Handling charge, $.50

INSTRUMENT FLIGHT CONTROL—RADIO NAVIGATION: RADIO DIRECTION FINDER (CAA, Record)

Explains the operation of the rotatable type of radio direction finder as a navigational aid for orientation, homing, and determination of radio bearings. Deals briefly with the automatic and fixed loop radio direction finder.

c-a 93 frames 23 minutes
Handling charge, $.50

INSTRUMENT FLIGHT CONTROL—RADIO NAVIGATION: PART IV—IRREGULARITIES IN RADIO RANGE OPERATION (CAA, Record)

Discusses some of the irregularities of L.F. radio range operation and what causes them; then deals briefly with instrument approach procedures.

c-a 41 frames 20 minutes
Handling charge, $.50

INSTRUMENT FLIGHT CONTROL—RADIO NAVIGATION: THE RADIO RANGE (CAA, Record)

Explains the operation of the radio range; how the radio beams are formed; how to utilize the beams in navigation; and explains some of the difficulties a pilot may encounter in using the radio range and how to proceed under each condition.

h-c-a 67 frames 25 minutes
Handling charge, $.50

INSTRUMENT FLIGHT CONTROL—WEATHER CONTROL DURING INSTRUMENT FLIGHT: PART I (CAA, Record)

Analyzes techniques in instrument flying under adverse weather conditions. Explains formation of various ices and their danger to control of the plane. Shows use of de-icers and electric units in removing ice.

h-c-a 101 frames 16 minutes
Handling charge, $.50

INSTRUMENT FLIGHT CONTROL—WEATHER CONTROL DURING INSTRUMENT FLIGHT: PART II (CAA, Record)

Explains turbulence, static, thunderstorms, and precipitation; that altitude, nature of terrain, size, intensity, velocity, distance of destination, type of storm, and aircraft are to be considered in a storm.

h-c-a 78 frames 23 minutes
Handling charge, $.50

INTEGRAL CALCULUS SERIES (SVE)

Areas by Integration
Double Integrals
A Triple Integral
Areas by Integration Using Polar Coordinates

Explains basic mathematical concepts necessary for an understanding of integral calculus. Introductory and review material.

h-c Approx. 40 frames ea. $.50 ea.

INTRODUCTION TO AIRPLANE INSTRUMENTS (CAA)

Explains the principles of instrument operation and discusses electrical and mechanical types.

h-a 62 frames Handling charge, $.50

INTRODUCTION TO ENGLISH LITERATURE (SVE)

Introduction to 17th Century English Literature
Introduction to 18th Century English Literature
Introduction to Romantic Age in English Literature
Introduction to the Victorian Age in English Literature

Shows significant events and people and presents a survey of various periods of English Literature. Depicts English people, customs, and habits.

j-h Approx. 35 frames ea. $.50 ea.

INTRODUCTION TO FRACTIONS (JH, Color)

Fractional Parts of a Whole ½, ⅓, ¼ (29 frames)
Fractional Parts of Groups ½, ⅓, ¼ (25 frames)
Fractional Parts of a Whole and Groups ⅕, ⅙, ⅛ (23 frames)
Non-unit Fractions of a Whole and Groups (27 frames)
Comparing Fractions (26 frames)

Presents the beginning concepts of fractions.

i Approx. 25 frames ea. $.50 ea.

INTRODUCTION TO MACHINING (JH)

KIT A — THE MACHINIST AND HIS TOOLS

The Machinist
Machine Tools
Machine Technique (Part 1)
Machine Technique (Part 2)

KIT B — MEASUREMENTS

Measurements and Measuring (Part 1)
Measurements and Measuring (Part 2)

KIT C — PRESSES AND LATHES

Drill Presses (Part 1)
Drill Presses (Part 2)
Grinding Machines
Lathes (Part 1)
Lathes (Part 2)
Milling Machines
Shapers
Planers
Specialized Machines (Turret Lathes)
Other Specialized Machines

Emphasizes precision and accuracy. Designed to help beginner in the fundamentals of machining.

h-c-a 35-60 frames ea. $.50 ea.

INTRODUCTION TO MAPS (JH, Color)

What Is a Map?
Coast Lines and Their Symbols
Land Forms and Their Symbols
Lakes, Rivers, and Their Symbols
Towns, Cities, and Their Symbols

Shows children how to translate symbols on simple maps into landscape imagery.

i Approx. 30 frames ea. $.50 ea.

INTRODUCTION TO THE GLOBE (JH, Color)

Continents and Oceans
Up and Down
North, South, East, and West
Night and Day
Hot and Cold Places

Present basic understandings of the earth and help build a sound foundation for future skill in globe and map reading.

i Approx. 25 frames ea. $.50 ea.

INTRODUCTION TO WILLIAM SHAKESPEARE (YA)

Discusses the facts about his life and reviews the times in which he lived.

h-c 40 frames $.50

IRRIGATION FARMING (EB)

Describes the need for irrigation in certain areas and illustrates such activities and irrigation by furrow, flooding and sprinkling.

i 78 frames $.50

ISAIAH (ALN)

An attempt has been made to visualize the prophetic utterances of this statesman-poet, and to depict in dramatic form his parables and ageless calls to holiness, justice and peace.

h-c-a 36 frames $.50

IT TAKES ALL KINDS (McGH)

Shows a series of young married people each reacting differently to a similar tense domestic situation.

c-a 37 frames $.50

IT'S A DATE (McGH)

Intended to help young people meet the problems of dating.

j-h-c-a 30 frames $.50

ITALICS AND HYPHEN (SVE, Color)

Drawings illustrate the purpose and use of correct punctuation. Includes exercises for class participation.

j-h-c 50 frames $.50

JACK TAKES A TRIP BY BUS (SVE)

Traces the activities of a small boy from the time he purchases a ticket for his trip until his uncle meets him at his destination in another town.

p 37 frames $.50

JANET VISITS A DAIRY FARM (CUR, Color)

Janet visits her uncle's dairy farm, watches the cows eating in the pasture and being milked in the barn.

p 28 frames $.50

JANET'S BIRTHDAY CART (CUR, Color)

Janet lives in the country and likes her goat Patsy better than the ducks, horses, or cows. For her birthday she wants only a cart for Patsy to pull.

p 28 frames $.50

JANET HELPS MOTHER (CUR, Color)

Janet's mother is too busy to play with her so Janet helps with the housework and has fun doing it.

p 25 frames $.50

JANET'S DUCKS AND GEESE (Color)

Janet feeds her ducks and geese, gives them water and watches them grow.

p 26 frames $.50

JEALOUS LADDIE (CUR, Color)

Laddie was a happy dog who knew that Bob and Ann loved him. But when the children brought home another pet — a rabbit — and showed it a lot of attention, Laddie grew jealous. He sulked and chased the rabbit until he learned that Bob and Ann still loved him and then he and the rabbit became friends.

p 27 frames $.50

JERRY GIRAFFE AND THE ZOO (CUR, Color)

In this picture you see the camel, an elephant, guinea pigs, monkeys, a panda, a seal, swans, a tiger, a zebra and, of course, the giraffe.

p 25 frames $.50

JEREMIAH (ALN)

Depicts the tragic events of the prophet's life and of Judah, including Jeremiah's defiance of censorship and his acts of faith and comfort during the destruction of Jerusalem.

h-c-a 34 frames $.50

JIRO AND HANAKO OF JAPAN WORK AND PLAY (YDV, Color)

The chores which Japanese children do, the games they play, boys' day and girls' day, what they do on holidays, etc.

p-i-j 39 frames $.50

JOB EVALUATION (McGH)

Based on the book "Industrial Organization and Management" by Bethel and others published in 1950.

c-a 40 frames $.50

JOHN'S SAILBOAT RIDE (CUR, Color)

John's ride in a sailboat shows him some of the precautions necessary. He helps ready the boat and steers past some interesting harbor sights.

p 25 frames $.50

JUNIOR TRAVEL SERIES (SVE)

Jack Takes a Trip by Bus
Mary Takes a Trip by Air
Mary Takes a Trip by Train
Mary Visits the Grand Canyon and the Indians

Presents background and interesting experiences of travel.

p Approx. 30 frames ea. $.50 ea.

KEEPING AN AQUARIUM (JH, Color)

Directions for preparing and maintaining a balanced aquarium are given. Specific suggestions are made for the selection of suitable plants and animals.

i-j-h 70 frames $.50

KEEPING CLEAN (YA, color)

Jim and Jane are shown practicing the various habits of cleanliness that are desirable for young people to learn.

p 37 frames $.50

KEEPING WELL (YA, Color)

Tells about the germs that cause sickness and when they are likely to be encountered, gives the simple rules to observe in keeping healthy.

p 36 frames $.50

KEYSTONE OF PROSPERITY: AMERICA'S FOREIGN TRADE (NYT)

Points out how the comfort and prosperity of the people of the United States and the nation's strength depend on our foreign trade. Shows the advantages of increased world trade to the United States.

h-c-a 53 frames $.50

KING DAVID I (ALN)

Narrative begins with David's classic lament for the slain Saul and his son Jonathan. Scenes depicted include David's success in uniting his people, establishing Jerusalem as the capital of Israel, and bringing the Ark of the Covenant to Zion. David's greatest sin — his tragic love for Bathsheba — is carefully presented, and we see him severely reprimanded by Nathan. Sequence ends with David's repentence and prayer for forgiveness, quoted from the 51st Psalm.

h-c-a 32 frames $.50

KING DAVID II (ALN)

Shows further achievements and great trials of David, as told in the Second Book of Samuel.

h-c-a 35 frames $.50

KING SAUL (ALN)

Depicts the dramatic story of Israel's first king, Saul. Sequence moves from the historical events which led to his selection by Samuel, through the successful struggles Saul carried on against the enemies of his people, the firm establishment of the kingdom of Israel, to Saul's rejection years later for his defiance of God's will.

h-c-a 32 frames $.50

KING SOLOMON (ALN)

Begins with the last days of David's reign and counsels in which he bequeaths to his son, Solomon, his great hope of building a House of God.

h-c-a 32 frames $.50

KOFI-AN AFRICAN BOY (YA, Color)

Part of a series of children's stories in art work by leading illustrators of children's literature.

p 39 frames $.50

LADDIE GETS LOST (CUR, Color)

On a hot summer day Laddie chases a rabbit and gets lost. Bob and Ann run after their dog and call him and look in several places, but do not find him for hours. They scold Laddie for disobeying them, but are not permanently angry.

p 27 frames $.50

LADDIE THE "SUPERDOG" (CUR, Color)

When Laddie was scolded by Bob for being lazy he wished that he were a super dog and that he had many magic powers. When Laddie awoke he found that he could be a super dog only in a dream, but that he could be a good dog without magic.

p 27 frames $.50

LAKE IN THE PARK, THE (CUR, Color)

A story about the function of a city park and how different people use the park for rowing, fishing, and sailing toy sailboats.

i 23 frames $.50

LAND OF THE FREE — AGRICULTURE IN AMERICA (MUF, Color)

Tells the story of progress in the science of cultivation of the soil with particular emphasis on scientific inventions and the attitude of conservation that dominates our agricultural thinking today.

j-h 40 frames $.50

LAND TRANSPORTATION (CUR, Color)

The principal concepts developed are man's use of devices to increase his own carrying power; his gradual reliance on animals as burden bearers; his development of the wheel which led to the invention of the cart, carriages, and chariot; and his use of steam, gasoline and electricity to furnish power.

p-i 27 frames $.50

LANDS AND PEOPLES OF ASIA AND AFRICA (SVE, Color)

Korea — The Land and Its People
Japan — The Land and Its People
India — The Land and Its People
Gold Coast of Africa — The Land and Its People

A set of 4 filmstrips showing people, occupations, activities and interest, landscape and architecture. Maps show physical characteristics and size as compared with U. S.

i-j 30-45 frames ea. $.50 ea.

LANDS AND PEOPLES OF EUROPE (SVE, Color)

France — The Land and Its People
Italy — The Land and Its People
Ireland — The Land and Its People
Spain — The Land and Its People
Switzerland — The Land and Its People
Finland — The Land and Its People
Norway — The Land and Its People

A set of 7 filmstrips showing customs, activities, and interests of the people, characteristic landscapes, architecture, and industries. Shows the political and economic relationship between the U. S. and Europe.

i-j 30-45 frames ea. $.50 ea.

LARRY HELPS THE POLICE (CUR, Color)

Larry's father, a policeman, is shown on duty and in police school learning laws, first aid and how to use his equipment. An episode with a traffic violator shows how we can cooperate with and help the police.

p 29 frames $.50

LAZY LADDIE (CUR, Color)

A lazy dog is misunderstood by children until he saves his young master Bob from drowning.

p 26 frames $.50

LEARNING LANGUAGE THROUGH AVIATION (CAA, Record)

Tells the story of how one seventh grade class at Capdau School in New Orleans used aviation to enrich their study of English.

c 98 frames 17 minutes
Handling charge, $.50

LEARNING TO STUDY (JH)

Study Headquarters
Getting Down to Work
Using a Textbook
Taking Notes in Class
Giving a Book Report
Writing a Research Paper
Reviewing

Presents the basic points concerning study skills in an appealing manner.

j-h-c Approx. 30 frames ea. $.50 ea.

LEARNING TO UNDERSTAND CHILDREN, I: A DIAGNOSTIC APPROACH (McGH)

A case study of a maladjusted girl of 15, with a presentation of the diagnostic techniques employed by her teacher.

c-a 37 frames $.50

LEARNING TO UNDERSTAND CHILDREN, II: A REMEDIAL PROGRAM (McGH)

Demonstrates techniques of remedial procedures for many types of maladjustments.

c-a 34 frames $.50

LET'S FLY TO CHINA (CAA, Record)

Tells the story of how a sixth grade class at Bryan School in the District of Columbia used aviation to enrich their study of China.

c 85 frames 17 minutes
Handling charge, $.50

LET'S TAKE A LOOK AT TEACHING (WU, Record)

An overview of the teaching profession and of what it has to offer in terms of salary, tenure and working conditions, opportunity for travel and individual interests. Pictures a typical school day showing the varied demands on the teacher and her responsibilities.

h-c-a 75 frames 12 minutes $.50

LIFE ADJUSTMENT (SVE)

You and Your Mental Abilities
Discovering Your Interests
What Are Your Problems?

Points out abilities needed in various occupations and need to analyze one's own mental pattern in selection and analysis of occupation.

h-c Approx. 55 frames ea. $.50 ea.

LIFE IN PLYMOUTH (CUR, Color)

A comprehensive picture of life in Plymouth Colony meeting the problems of food, clothing, shelter, occupations and development of democratic conditions.

i-j 27 frames $.50

LIFE OF THE PLAINS INDIAN (SVE)

Shows the culture pattern of the plains Indian as part of the theory of emigration of early man.

j-h-c-a 47 frames $.50

LIFE ON THE DESERT (SVE)

Tells of the flora and fauna commonly found in the desert.

i-j-h 41 frames $.50

LIFT AND DRAG (CAA)

Explains the aerodynamic theories of lift and drag.

h-c 71 frames Handling charge, $.50

LIGHT ON MATHEMATICS — A REFRESHER COURSE (JH)

KIT I — ARITHMETIC

Five Keys to Math
Mathematics and the Pilot
Addition and Subtraction
Multiplication and Division
Fractions, Decimals, and Percentage
Addition and Subtraction of Fractions
Multiplication and Division of Fractions
Square Root and Cube Root
Order of Operations

KIT II — GEOMETRY

Addition and Subtraction in Geometry
Multiplication and Division in Geometry
Angular Measurement
Constructions
Scales and Models
Vectors
Trigonometry

KIT III — ALGEBRA

Positive and Negative Numbers
Ratio and Proportion
Exponents and Logarithms
The Arithmetic of Algebra
Equations and Formulas
Problem Analysis

KIT IV — GRAPHS

Graph Uses
Plotting Graphs
Analytic Geometry

Develops Mathematical Concepts.

i-j-h 30-85 frames ea. $.50 ea.

LIGHTHOUSE, THE (YA)

Tells how the lighthouse serves as a navigational aid to shipping and how sailors use it to determine the position of the ship. Also depicts the life of the men who run the lighthouse.

i-j 37 frames $.50

LINCOLN'S BIRTHDAY (YA, Color)

Explains the significance of the holiday and relates it to typical activities in observance of the day.

i-j 28 frames $.50

LION AND THE MOUSE (YA, Color)

Children's stories in art work by leading illustrators of children's stories.

p 38 frames $.50

LITERATURE FOR CHILDREN (EGH, Color)

Mother Goose Rhymes
Proverbs and Maxims
Fables for Children
Myths and Legends
Three Famous Stories Retold
Folk Tales and Fairy Tales
Poems for Children
Seasons and Festivals
Stories of Famous Poems

Aims to give children a rightful literary heritage which builds for culture and realistic literary background.

p-i Approx. 25 frames ea. $.50 ea.

LITTLE RED HEN (STIL, B&W or Color)

Includes 12 pictures and 2 titles of familiar children's story.

p 24 frames $.50

LITTLEST SHEPHERD'S GIFT, THE (SVE, Color)

A little shepherd and a little lamb and the Christ child are the central figures. Illustrates the real meaning of the sacrifice, the giving of ones dearest possessions.

p-i 28 frames $.50

LIVING AND WORKING TOGETHER (JH, Color)

The Family Begins the Day
The Safe Way to School
A Busy Morning in School
Lunch and Play at School
A Birthday Party at School
The Family at Home

Shows real children in true-to-life situations portrays the everyday activities of two primary-grade children in an average home and school.

p Approx. 25 frames ea. $.50 ea.

LONGITUDE AND TIME (UW)

Diagrams illustrate the role of the royal observatory at Greenwich, England in establishing the correct time, and how time and time zones vary according to longitudinal distance from Greenwich.

i-j-h 25 frames $.50

LOUD-MOUTHED FROG (CUR, Color)

One of the favorite Aesop's fables told with vocabulary for the primary grades.

p-i-j 22 frames $.50

LOW FREQUENCY ADCOCK RADIO RANGE EQUIPMENT AND FIELD PATTERNS (CAA)

Describes the components of the low frequency Adcock radio range equipment and the theoretical field patterns produced by this equipment.

c-a 32 frames Handling charge, $.50

LOW TIDE AT THE BEACH (CUR, Color)

When the tide is out many sea animals can be found on the beach. Pictures are shown of star fish, clams, shellfish and snails found by children playing on the beach.

p 27 frames $.50

LUMBER MILL, THE (CUR, Color)

The steps in providing lumber are shown in the operations of a small lumber mill.

p-i 27 frames $.50

MACBETH (YA)

Based on the feature film starring Orson Welles.

h-a 43 frames $.50

MACHINE SEWING (SIS)

Shows the correct way to thread and prepare the sewing machine for stitching.

j-h-c-a 39 frames $.50

MAGIC OF MASS PRODUCTION (WU)

Illustrates the principals of mass production which have made possible the mass production of automobiles and other material goods.

i 35 frames $.50

MAILMAN, THE (EB)

Explains preliminary work at the post office, duties on the route, different kinds of mail delivered and various types of service performed.

p-i 75 frames $.50

MAINLINER MEALS (SVE, Color)

Explains the behind the scenes activities of airline meal preparation from the time the chef orders the supplies until the meal is served aboard the aircraft.

j-h 30 frames $.50

MAINTAINING CLASSROOM DISCIPLINE (McGH)

Shows techniques for securing class discipline by contrasting various techniques of teaching. Teaches basic means of maintaining productivity and mutually advantageous class control.

c-a 43 frames $.50

MAJOR CITIES OF THE UNITED STATES (SVE)

Major Cities of Western United States
Major Cities of the Middle West
Major Cities of the South
Major Cities of Eastern United States

A set of 4 filmstrips showing photographs of historic landmarks, leading industries, institutions, and culture of the major cities of the United States. Shows relationship between industries and geographical location.

i-j-h Approx. 50 frames ea. $.50 ea.

MAKE YOURS A NO-ACCIDENT POLICY (SVE)

Deals with the various accidental causes of death. Stresses that caution and common sense are the best preventatives.

j-h 53 frames $.50

MAKING A MURAL (YA, Color)

Illustrates the group art activity with emphasis on group organization for a purpose, necessary leadership and followership, teacher guidance and group evaluation of a completed chalk-drawn composition.

i-j 37 frames $.50

MAKING BRICKS FOR HOUSES (EB)

Outlines the fundamental processes in brickmaking. Shows how shale is dug from a pit, pulverized, mixed and shaped into bricks. Explains how the bricks are dried, baked in a kiln and readied for shipment.

j-h 78 frames $.50

MAKING BUTTON HOLES (YA)

Explains and demonstrates important skill in sewing.

j-h-c-a 42 frames $.50

MAKING FIELD TRIPS EFFECTIVE (WU)

Presents effective techniques for planning field trips and their values and purposes.

c-a 46 frames $.50

MAKING GINGERBREAD BOYS (CUR, Color)

Janet and Peggy bake Gingerbread boys in the kitchen.

p 25 frames $.50

MAKING MAPLE SYRUP (CUR, Color)

Sugaring is shown, step by step, from driving of spile to finished sugar and candy for children.

p-i 27 frames $.50

MAKING SHOES (EB)

Factory process in the making of shoes. Explains selecting and cutting of leather, linings, shaping and attaching of uppers to insoles and then to welt, attaching outsoles to heels and edging and finishing the completed shoes.

i-j-h 84 frames $.50

MAKING THAT SALE (McGH)

Supplements the motion picture by the same title. Correlated with the textbook "A Textbook of Salesmanship" by Russel and Beach.

c-a 50 frames $.50

MAMMAL SET (SVE, Color)

Primates — Monkeys and Their Relatives
Large, Hoofed Mammals
Bears, Pandas, and Raccoons
Rodents
Cats and Dogs

Shows living habits, environment, and identifying characteristics of these animals. Captions explain their usefulness and native habits.

i-j-h Approx. 45 frames ea. $.50 ea.

MAMMALS OF NORTH AMERICA (CUR, Color)

Reviews the animal kingdom, defines a mammal in simple terms, and shows the diversity of mammals in North America — large and small, wild and tame, plant eaters and flesh eaters, etc. Emphasis is placed on the relationship between mammals and man.

p 27 frames $.50

MAN WHO LIKES CHILDREN (CUR, Color)

This is the true story of Mr. Hadley who runs a pony farm, and provides a fascinating place for children to play. By making others happy Mr. Hadley makes himself happy too.

p 27 frames $.50

MANNERS MAKE A DIFFERENCE (EGH, Color)

Why Have Good Manners?
Good Manners at Home
Table Manners
Good Manners at School
Good Manners at Play
Good Manners at the Movies or the Theatre
Do's and Don'ts in Good Manners
Good Manners on the Street and in Public Conveyances
Good Manners When Visiting

A series of 9 filmstrips aimed to make young people "feel better inside" when they are polite. It will, it is hoped, assist the teacher in developing a desire not only for the superficial niceties of socially acceptable forms, but also that consideration for, and real courtesy toward others of which good manners are the visible symbol.

i-j-h Approx. 25 frames ea. $.50 ea.

MAN'S SHELTER TODAY (PS)

Presents the different types of homes used by man throughout the world, how they are made and the factors which influence the location of the house and the way it is built by different peoples.

p-i 40 frames $.50

MAPSTRIPS — AGE OF DISCOVERY AND EXPLORATION (JH, Color)

The Crusades and Early Trade Routes
The Norsemen
Portugal Seeks a New Route East
A New World Is Discovered
Spanish Explorations
French Explorations
English and Dutch Explorations

Each strip consists of a sequence of maps showing the great movements of this age in relation to their geographic backgrounds.

i Approx. 15 frames ea. $.50 ea.

MARRIAGE TODAY (McGH)

Offers some of the answers to problems raised in "This Charming Couple" by providing dramatic treatment for the ideals and goals of adult love.

c-a 39 frames $.50

MATTER AND MOLECULES (JH)

Why Study Physics?
Matter
The Structure of Matter
Effects of Molecular Motion
Molecular Forces in Matter
Molecular Forces in Liquids

Illustrates properties and structure of matter and molecular forces.

h Approx. 60 frames ea. $.50 ea.

MECHANICS (Strips) (JH)

Units of Measurements
Force
Force and Velocity as Vectors
Uniform Motion
Uniformly Accelerated Motion
Newton's Laws of Motion
Gravitation
Rotary Motion
Centrifugal Force
Work
Energy
Power
Friction
Simple Machines

Establishes a visual and mathematical relationship between the fundamental principles of physics and their practical application.

h 40-60 frames ea. $.50 ea.

MEDIEVAL AND EARLY MODERN HISTORY (LI, Color)

The Middle Ages
Age of Exploration
Golden Age of Spain
Renaissance Venice
Protestant Reformation
France in the 18th Century
18th Century England
The Incas
Heritage of the Maya

Set of 9 filmstrips dramatizing history, art and science of the medieval and modern civilizations.

i-j-h Approx. 50 frames ea. $.50 ea.

MEN WHO HELPED US FIND OUT (EGH, Color)

Galileo
Louis Pasteur
Mme. Marie Curie
Walter Reed
Michael Faraday
Joseph Lister
Hideyo Noguchi
Christian Eijkman
Guglielmo Marconi

Shows to children the life stories of nine of the world's greatest and most famous scientists and physicists.

p-i-j Approx. 25 frames ea. $.50 ea.

METAL WORKING (CHAB)

Laying Out, Cutting, Filing, and Drilling
Bending and "Beating Down" Metal
Raising and Surface Decoration
Jointing and Finishing Art Metal

Demonstrates tools and procedures used in metal working. Instructs in specific steps in various processes.

j-h Approx. 50 frames ea. $.50 ea.

METHODS OF STARTING THE ENGINE (CAA)

Shows how an engine may be started by the following methods: by pulling the propeller; with a shock cord; by direct hand crank; by the combustion starter; by the inertia starter (hand and electric operated); and by direct electric starter.

h-c-a 45 frames Handling charge, $.50

MEXICAN CHILDREN (STIL, B&W or Color)

Pictures the daily life of children in Mexico.

p-i 30 frames $.50

MIDDLE AGES, THE (SVE, Color)

Photographs of medieval works of art, architecture and sculpture, illuminated manuscripts and tapestries illustrate the lives of the men and women of that time and define the social order of their existence.

j-h-c-a 49 frames $.50

MIDSUMMER NIGHT'S DREAM (YA)

Based on the feature film.

h-c 53 frames $.50

MIGHTY HUNTERS (SVE, Record, Color)

The legend of the American Indians concerning the stars in the constellation Ursa Major, or the Big Dipper.

p-i 30 frames 10 minutes $.50

MILK IN OUR BREAKFAST (EMC, Color)

Emphasizes the need for a good breakfast; shows how evaporated milk can be used in preparing breakfast, plans for a good breakfast and proper cooking techniques.

j-h-c-a 31 frames $.50

MINOR INJURIES (CAA, Record)

Shows the various methods used in the treatment for strains, sprains, dislocations, bruises, frostbites, and foreign bodies in the eye, ear, nose, and throat.

j-h-c-a 65 frames 14 minutes
Handling charge, $.50

MORNING IN SCHOOL (NESP, Color)

Intended to help the teacher in establishing good daily habits for children by bringing attention to the way they do their tasks and discussing them.

p-i 25 frames $.50

MOTHER HEN (TRK)

Photographs show the hatching of a baby chick and the care given by the mother hen.

p 18 frames $.50

MOTIVATING THE CLASS (McGH)

A young student teacher of mathematics learns that adequate motivation is basic to all good teaching and is obtained by translating the values of subject matter into terms pupils can understand.

c-a 41 frames $.50

MOUSE WHO BOASTED (CUR, Color)

One of the fables of Aesop told in vocabulary for primary grades.

p-i 22 frames $.50

MULE HUMANS (CUR, Color)

A halloween story from the mountains of the couple whose meanness and unkind wishes gave the husband a mule's body and the wife a mule's head.

p 26 frames $.50

MUSIC STORIES (JH, Color)

Peter and the Wolf
Hansel and Gretel
The Nutcracker
Peer Gynt
The Firebird
The Sorcerer's Apprentice

Brings to life the stories which inspired composers to write some of our best-loved music.

p-i Approx. 30 frames ea. $.50 ea.

MY FATHER IS A BUS DRIVER (EB)

The basic function of transportation as it functions in community life is shown through the central figure of the father.

i 49 frames $.50

MY FATHER IS A FIREMAN (EB)

Emphasizes the less spectacular work of the fireman although there are scenes of firefighting and of fire apparatus.

i 57 frames $.50

MY FATHER IS A GARBAGE MAN (EB)

The housekeeping function of the sanitation department is shown to resemble the tidiness of the ordinary home.

i 50 frames $.50

MY FATHER IS A POLICEMAN (EB)

Describes the various functions of a police officer during a normal day and extends the family of the officer into the life of the policeman.

i 52 frames $.50

MY FATHER IS A POSTMAN (EB)

The role of the postal activities in a community as seen by the activities of a single postman with elementary introduction into the integration between the activity of the community and the federal government.

i 41 frames $.50

NARCOTICS I (YA, Color)

Art work illustrations.

i-j 39 frames $.50

NARCOTICS II (YA, Color)

Art work illustrations.

i-j 46 frames $.50

NATIONAL PARKS OF THE UNITED STATES (SVE, Color)

National Parks of the Southwest United States
National Parks of the Northwest United States
Yellowstone National Park
National Parks and Monuments of the Eastern United States

A set of 4 filmstrips indicating maps and photographs of park scenes highlighting unusual formations, wild life, activities, recreational and educational facilities.

p-i-j-h-c Approx. 40 frames ea. $.50 ea.

NATURAL RESOURCES: KEY TO AMERICA'S STRENGTH (NYT)

Surveys the natural resources of water, forests, soil and minerals, and shows military and economic strength depends ultimately on America's natural resources.

j-h-c-a 56 frames $.50

NATURE STUDY ILLUSTRATED (SVE)

Bird Studies from Coast to Coast
Birds and Their Nests
Butterflies and Moths
Insect Life Histories
How Animals Reproduce Themselves
Clouds and Weather
How Animals Get Food
How Animals Get Air
How Animals Protect Themselves
How Animals Grow Up
Life on the Desert
The Story of Glaciers

Illustrates basic characteristics, growth, and activities of common birds, insects, and animals; plant and animal life on the desert, the results of glaciers, the relation of clouds to weather.

i-j-h Approx. 25 frames ea. $.50 ea.

NEAR EAST PUZZLE (NYT)

A survey of the social and economic problems of the area. In addition the strategic interests of the West in the Near East and the West's heavy investment in oil production are considered.

h-c-a 54 frames $.50

NEW ENGLAND FISHERMAN (EB)

Depicts a day's work by a crew of Gloucester fishermen, and contrasts the method of fishing by schooner to that of using a diesel trawler.

i 79 frames $.50

NEW FRONTIERS OF SCIENCE (NYT)

Shows what science has achieved and what problems confront scientists today in such fields as atomic energy, world food supply, space travel, medicine, etc.

j-h-c-a 55 frames $.50

NIGHT BEFORE CHRISTMAS (STIL, Color)

Illustrates the poem by Clement C. Moore.

p 32 frames $.50

NINE TO GET READY (SVE, Color)

Tells the story of prenatal care — how to protect and nourish the baby before it is born.

c-a 54 frames $.50

NORTH AFRICA IN FERMENT (NYT)

Reviews the agriculture and economic activity of the North African area between Egypt and the Atlantic. Then examines the moves for independence in Tunisia and Morocco, the economic advances in Africa under French control and the strategic importance of North Africa to the West.

h-c-a 58 frames $.50

NOSE, THROAT AND EARS, THE (McGH)

Shows the structure of the nose, throat, and ears. Illustrates how infection in these parts may spread and affect other parts of the body. Warns of the dangers of self-medication.

c-a 28 frames $.50

NURSERY RHYMES, I-IV (STIL, Color)

Each filmstrip contains one-half pictures and one-half titles of well-known nursery rhymes.

p 30 frames ea. $.50 ea.

NURSERY SCHOOL (BIS)

Shows the operation of a British nursery school for children between the ages of two and five.

c-a 31 frames $.50

NUTCRACKER, THE (JH, Color)

In this colorfully visualized Christmas story in filmstrip form, Marie receives a beloved nutcracker which later turns into a prince. A visit to the land of the Sugarplum fairy provides the occasion for performances of the various dances which comprise the "Nutcracker Suite."

p-i 31 frames $.50

OCCUPATIONS AND AMUSEMENTS OF THE COLONISTS (CUR, Color)

One of a series of filmstrips depicting the various facts behind the settlement of the colonies and the type of people who settled them.

i-j 25 frames $.50

OCEAN SHIPS AT WORK (CUR, Color)

Detail photographs of ships that make long trips — ocean liners, freighters, tankers, fruit ships, fishing boats, lightships, etc.

p 27 frames $.50

OIL HUNTERS, THE (STON)

The work of a petroleum geologist is shown as a practical example of how geology is fitted to the use of a specific industry.

h-c-a 51 frames $.50

OIL-STAKE IN THE COLD WAR (NYT)

Illustrates the main uses of oil in the U.S., then sketches its production and distribution. Shows how Near East oil is essential to Western Europe and South Asia, and why Soviet Russia is interested in these oil fields.

c-h-a 53 frames $.50

OIL SYSTEMS (CAA)

Describes two types of internal oil systems (dry-sump and wet-sump). Proceeds to illustrate how the dry-sump type functions. Discusses briefly the principal parts of external oil systems.

h-a 47 frames Handling charge, $.50

OLD WORLD BACKGROUNDS OF AMERICAN HISTORY (EGH, Color)

Prehistoric Man — Dawn of Civilization
Egypt, Land of the Nile
The Early Nations of Southwest Asia
The Glory That Was Greece
The Grandeur That Was Rome
The Nations Arise — The Dark Ages 400-1000 A.D.
Man Achieves New Freedoms — The Middle Ages, 1000-1492
The Rebirth of Learning — The Renaissance
Age of Exploration

A set of 9 filmstrips starting with the story of early man in those ancient countries which now form the continent of Europe. The Cultures of Africa, of Asia, and of the various sections of Europe are portrayed in a manner to convey to the student the major contributions of early man to our present day civilization.

i-j Approx. 25 frames ea. $.50 ea.

ON THE JOB SUPERVISION (UW, Records)

Cost of an Error
The Four Steps
The Job Breakdown
Kindly Give it Your Personal Attention
Spotting Immediate Training Needs
Stop, Look, and Question

Shows how simple errors can result in tremendous problems; the way to instruct new employees; how to prepare a job breakdown, noting and analyzing every action; the power of suggestion and value of personal attention to improvements on the job; how on-the-job training solves many problems; the importance of stop-look-and-question in performing a job.

h-c Approx. 75 frames ea. $.50 ea.

ON THE PLAYGROUND (CUR, Color)

An original story designed to show the desirability of good manners on the playground as well as elsewhere.

p 27 frames $.50

ON THE ROAD TO THE COUNTRY (CUR, Color)

A ride in an automobile which helps to explain the concept of the city and also gives insight into various other forms of transportation, ferries, etc.

p 27 frames $.50

ON THE STREET (CUR, Color)

An original story designed to show the desirability of good manners on the street as well as at home and elsewhere.

p 27 frames $.50

100 YEARS OF FIXED WING AIRCRAFT DEVELOPMENT (CAA, Color)

Pictures scale models of significant aircraft developed during the period 1803-1903, including aircraft designed by Sir George Cayley, Walker, Henson, Stringfellow, Loup, Du Temple, Le Bris, Wenham, Penaud, Lilienthal, Penaud and Gauchot, Montgomery, Hargrave, Chanute, Moy and Herring, Wright Brothers and Langley.

p-j-h-c-a 46 frames Handling charge, $.50

OPERATION WORKSHOP (CAA, Record)

Pictures the National Aviation Workshop sponsored jointly by the Civil Air Patrol and the University of Colorado and held at Boulder, Colorado, from July 24 through August 26, 1952.

c-a 82 frames 20 minutes
Handling charge, $.50

ORANGE GROWER (EB)

Portrays a typical orange grower and his family in various phases of their work from planting to shipping, and emphasizes the work and care required to produce quality fruit.

i 59 frames $.50

ORTHOGRAPHIC PROJECTION (McGH)

Correlated with the book ENGINEERING DRAWING by Thomas E. French, published in 1948.

c-a 40 frames $.50

OUR COUNTRY (SVE)

Our Country
What Our Country Does for Us
What We Must Do for Our Country

A set of 3 filmstrips calls attention to the resources, duties, governmental services, and privileges enjoyed by every American citizen.

i-h Approx. 55 frames ea. $.50 ea.

OUR EARTH (JH)

How We Think Our Earth Came to Be
Our Earth Is Changing
How Rocks Are Formed
The Story of the Earth We Find in the Rocks
The Soil

Presents the fundamentals of earth science in a clear manner.

i-j Approx. 65 frames ea. $.50 ea.

OUR HOMES (EGH, Color)

At Home with Ruth
Tom's Farm House
Alice in Her Home
Jackie in His House
Joe's Home in New England
Dick and His Family at Home
Ann's Ranch House Home
Helen's Home in the South
Rose's Village Home

A set of 9 filmstrips showing how typical and fairly common family experiences are set forth. It is hoped that teachers will find them useful in increasing for young children the feeling of protection and security in their own homes. They should also prove useful in developing good group relations and understanding of people of varying backgrounds with whom the children are thrown in contact.

p Approx. 25 frames ea. $.50 ea.

OUR NATIONAL GOVERNMENT: HOW IT DEVELOPED (SVE, Color)

The Declaration of Independence
The Articles of Confederation — A Plan That Failed
The Making and the Adoption of the Constitution
The Growth of the Constitution

A set of 4 filmstrips about the development of our federal government from its conception to its present operation is explained and traced through interpretative drawings and stylized cartoons.

j-h Approx. 55 frames ea. $.50 ea.

OUR NEIGHBOR — THE MOON (JH)

The size of the moon and its travel in relation to the earth and the sun are portrayed. An imaginary rocket trip to the moon graphically demonstrates what is known of characteristics and what effects these conditions would have on human life and behavior there.

i-j 50 frames $.50

OUR PETS (EGH, Color)

My Turtle
My Chick
My Bunny
My Pet Canary, Dickie
My Horse, Dobbin
My Dog, Spot, and I
Our Aquarium
Blackie, My Dog
My Cat, Taffy

A set of 9 filmstrips designed not only to develop humane attitudes and love of pets among the children, but also should serve to develop the ability to communicate social experiences among pupils of the Kindergarten-third year group.

p Approx. 25 frames ea. $.50 ca.

OXYACETYLENE WELDING (JH)

KIT A — PREPARATORY

An Introduction to Welding
Setting Up and Lighting the Welding Torch

KIT B — ELEMENTARY PRACTICE

Welding Flat Ripples
Flat Butt Welds

KIT C — FURTHER PRACTICE (STEEL)

Fillet Welds — Steel
Vertical Welds — Steel
Tube Welds — Steel

KIT D — FURTHER PRACTICE (ALUMINUM)

Welding Aluminum Flat Sheets
Welding Aluminum Tubes with Sheets
Fuel and Oil Tank Repairs

KIT E — SPECIAL PRACTICE

Oxyacteylene Cutting
Brazing and Silver Soldering
Qualification Test for Welders

Offers practical instruction for students learning to perform correctly the manual skills required in welding operations.

h-c 40 to 70 frames ea. $.50 ca.

OXYGEN EQUIPMENT (CAA)

Describes oxygen equipment and its operation, maintenance, and inspection: cylinders, valves and tubing, regulators and indicators, masks and mouthpieces, and auxiliary equipment.

a 80 frames Handling charge, $.50

PACKET SLIDE FASTENERS (YA)

Explains and demonstrates important skill in sewing.

j-h-c-a 35 frames $.50

PAINTING (YA, Color)

Illustrates expression by children with water soluble paints of the showcard type.

p 30 frames $.50

PAINTING WITH WATER COLORS (YA, Color)

Illustrates a way of stimulating ideas for imaginative painting with water color. Brings out the importance of discussion and reflection as preparation for painting from imagination.

i-j 31 frames $.50

PAPER CRAFT (YA, Color)

Illustrates a three-dimensional problem in paper construction for children.

i-j 44 frames $.50

PARENTHESIS AND DASH (SVE, Color)

Drawings illustrate the purpose and use of the parenthesis and dash. With classroom exercises.

j-h-c 52 frames $.50

PARKING OF AIRCRAFT (CAA)

Describes the hand signals and procedures for taxiing, parking, and dispatching aircraft.

h-c-a 54 frames Handling charge, $1.00

PASSENGER LINER, THE (YA)

Compares the modern passenger liner to a big city in the specialized workers and facilities required.

i-j 42 frames $.50

PECOS BILL BECOMES A COWBOY (CUR, Color)

The greatest of the legendary coyboys was Pecos Bill, the boy who was raised by coyotes and learned to out rope, out ride and out shoot all the other cowboys on the ranch.

p 26 frames $.50

PEDALING POINTERS (SVE)

Shows how to care for bicycles and how to be safe while enjoying their use.

i-j 48 frames $.50

PEKING (FORBIDDEN CITY) (LI, Color)

ATHENS
ANCIENT EGYPT

A set of 3 filmstrips produced by *Life* magazine. Dramatic glimpses into the ancient history, art and science of these ancient civilizations are presented.

i-j-h Approx. 70 frames ea. $.50 ea.

PEOPLE ARE PEOPLE: HOW TWELVE FAMILIES BATHE AND PREPARE FOR BED (YA)

Shows how twelve families prepare for the daily bath and retirement in twelve different countries: Japan, Africa, Egypt, Germany, France, China, Italy, Pakistan, Czechoslovakia, and the United States.

i-j-h 30 frames $.50

PEOPLE ARE PEOPLE: HOW TWELVE FAMILIES FARM AND WHAT THEY EAT (YA)

Follows the daily lives of people of twelve countries through their organization of farming and food. Includes people of Africa, China, Mexico, Japan, Pakistan, Egypt, France, Germany, Italy, and Czechoslovakia.

i-j-h 4 frames $.50

PEOPLE ARE PEOPLE: HOW TWELVE FAMILIES PLAY AND HOW THEY DO THEIR LAUNDRY (YA)

Shows the differences in playing and laundering within the families of twelve countries: Japan, China, Africa, Pakistan, Czechoslovakia, Italy, Germany, United States, and France are included.

i-j-h 30 frames $.50

PEOPLE ARE PEOPLE: HOW TWELVE FAMILIES SHOP AND WHAT KIND OF KITCHENS THEY HAVE (YA)

Follows the lives of families from twelve countries and shows how they prepare to shop and cook. Includes families from Africa, Japan, China, Italy, Pakistan, Germany, France, Czechoslovakia, Egypt, and Mexico.

i-j-h 30 frames $.50

PEOPLE ARE PEOPLE: HOW TWELVE FAMILIES STUDY AND SEEM AT HOME (YA)

Illustrates the ways in which twelve different families study and seem at home throughout the world. Includes families from Japan, China, Africa, Egypt, Czechoslovakia, France, Italy, Germany, United States, Mexico, Pakistan, and England.

i-j-h 30 frames $.50

PEOPLE ARE PEOPLE: HOW TWELVE FAMILIES TRAVEL AND HOW THEY WORSHIP (YA)

Illustrates the ways in which different families in twelve different countries travel and worship. Includes families of France, Germany, United States, Italy, China, Japan, Africa, Pakistan, Czechoslovakia, Egypt, and Mexico.

i-j-h 30 frames $.50

PETER AND POLLY GO TO SCHOOL (NESP, Color)

A lesson in street and traffic safety. Illustrates precautions in crossing streets, observing signals, pedestrian tunnels, crossing guard, etc. Puppets and three dimensional sets are used.

p-i 25 frames $.50

PETER, POLLY AND THE POLICEMAN (NFBC, Color)

Cartoon illustrations show that the policeman is the guardian and the friend of the community. He is seen in various roles such as regulating the traffic, returning lost dogs to their owners and recovering stolen bicycles.

i 32 frames $.50

PETER RABBIT (STIL, Color)

The familiar childrens story with twelve pictures and twelve titles.

p 24 frames $.50

PHONICS: A KEY TO BETTER READING (SVE, Color)

Let's Start with Key Words
Make Words Work for You
Your Eyes and Ears Are Good Helpers
Vowel Sounds Help You
Test Yourself on Sounds
Help Yourself Read

Explains word sounds and offers exercises for identification and practice. Helps children who have difficulty in learning clues for easy and effective reading. Provides opportunity to learn a useful method of associating sounds with printed symbols.

p-i-j 30 to 40 frames ea. $.50 ea.

PICNIC, THE (CUR, Color)

An original story designed to stimulate discussion concerning the place of manners on the picnic grounds.

p 27 frames $.50

PICTORIAL CHEMISTRY (SVE)

Acids, Bases, and Salts
Ionization and Electrolysis
Metals
Nonmetals
The Halogens — A Typical Chemical Family
Solutions, Colliods, and Suspensions

Clearly explains fundamental chemical terms, concepts, formulas, laws, and theories.

h-c Approx. 50 frames ea. $.50 ea.

PICTURE STORIES FOR READING READINESS (JH, Color)

The Squirrels' Picnic
Lost at the Fair
Puppy Plays a Trick
The Loose Tooth
Buying a Pet
Surprise for Daddy
Let's Go to the Zoo

Each filmstrip consists of a series of pictures, without captions, which follow a sequence of events. From the pictures the children create their own story.

p Approx. 10 frames ea. $.50 ea.

PIED PIPER OF HAMELIN (STIL, B&W or Color)

The familiar children's story by Robert Browning skilfully filmed with twelve titles and twelve illustrations.

p 36 frames $.50

PIVOT OF ASIA (NYT)

Traces the rise of the British Indian Empire. Covers the successful struggle for independence and the creation of the two Republics, India and Pakistan.

The conflict between India and Pakistan and the economic and social problems of both countries are illustrated. This serves as a background to India's natural leadership in Asia.

h-c-a 56 frames $.50

PLANE GEOMETRY SERIES (SVE)

Introduction to Plane Geometry
Basic Angles and Experimental Geometry
Basic Triangles
Introduction to Demonstrative Geometry
Quadrilaterals
Parallel Lines and Transversals
Loci
Areas
Similar Polygons
Introduction to Circles
Common Tangents and Tangent Circles
Congruent and Overlapping Triangles

Introduces basic geometric concepts. Shows geometry as a practical subject which opens the door to numerous occupations and trades.

j-h Approx. 50 frames ea. $.50 ea.

PLANE PERFORMANCE (CAA)

Shows the factors which govern plane performance.

h-c-a 89 frames Handling charge, $.50

PLANNING FAMILY LIFE INSURANCE (ILI, Color)

Shows how a family, with the aid of the life insurance agent, plans a life insurance program. Explains the basic family needs that life insurance can meet and the uses to which the living benefits, known as cash values, can be put. Shows the steps by which life insurance may be obtained and the flexibility of life insurance.

h-e-a 45 frames $.50

PLANNING FOR BETTER FARM FAMILY LIVING (COLF, Color)

Shows the major areas of family living for which income is needed and the various means by which farm income may be increased to meet future needs and desires of the family.

j-h-e-a 54 frames $.50

PLANNING YOUR LIFE INSURANCE (UI)

Produced by the Commerce Department of the University of Illinois. Includes 25 copies of student's manual and teacher's guide.

j-h 30 frames $.50

PLANTS, ANIMALS, AND INSECTS (SVE)

Living Things
Telling Trees Apart
Seeds and Seed Travels
Insects and Their Ways

Correlated with Basic Science Uni-texts. Colorful, original, scientifically accurate drawings with a few photographs of seed and seed travels.

i-j-h Approx. 45 frames ea. $.50 ea.

PLANTS AND ANIMALS OF THE DESERT (CUR, Color)

Photographs of the natural habitat of plants and animals call attention to their identifying characteristics, their homes and living habits.

i-j 38 frames $.50

PLANTS AND GARDENS (BEF, Color)

Plants in Home and School
The Woods in Spring
Plants in My Garden
A Vegetable Garden
U. S. Conservation Service
The Woods in Summer
Caring for Our Gardens
Plants in the Park
The Woods in Autumn

Arouses a love of plants and flowers, and an appreciation of their beauty in addition to a sense of civic pride in their upkeep and conservation.

i Approx. 26 frames ea. $.50 ea.

PLAYING ON CITY STREETS (CUR, Color)

The special creative activities that children engage in on a specially designated play street are contrasted with the dangers of playing on a regular street.

p 25 frames $.50

PLAYTIME (CUR, Color)

Amusements of the early Americans as depicted in the museum at Cooperstown, New York.

i-j 30 frames $.50

POLICEMAN, THE (SVE, Color)

Pictures the policeman as an important community helper and children's friend by featuring a boy who visits the police station. Shows how children can help policemen in various ways.

p-i 25 frames $.50

POLICEMEN AT WORK (EDP, Color)

Shows duties of policemen with reference to traffic regulations and child safety. Illustrates ways child can guard own safety when crossing streets, walking, and riding bicycles. Emphasizes work of school patrol.

p-i 29 frames $.50

POSTMAN, THE (SVE, Color)

Details the daily life of a postman and shows how all kinds of mail is handled. Also depicts a little girl receiving a package from the postman and writing a thank you letter for same. Ends with picture of classroom post office.

p-i 25 frames $.50

POTATO PRINTING (YA, Color)

Illustrates the introduction of the print process by means of pliable material. Shows the opportunities for individual expression that the material offers both in the design unit and the arrangement of repeats.

i-j 39 frames $.50

POTTERY MAKING (YA, Color)

Illustrates a way of starting work with water clay. Shows children in the process of experimenting with the new material, modeling forms of their own choice and taking part in the use of the kiln for firing the clay and enjoying the finished work of their hands.

i-j 41 frames $.50

POULTRY SERIES (COLF)

Selecting and Culling Poultry
Infared Brooding
Combatting Diseases and Parasites of Poultry

Shows the procedure for culling poultry and many examples of infestation of chicks; and explains what infrared brooding is.

h-c-a 30 to 50 frames ea. $.50 ea.

POWER PLANT CONTROLS (CAA)

Explains characteristics of the two principal types of power plant control systems, the advantages and uses of each type, and how to adjust the operation of these controls.

h-a 38 frames Handling charge, $.50

POWER PLANT LUBRICATION (CAA)

Describes the uses of pressure lubricating guns in general power plant lubrication; lubrication of engine controls; inspection and lubrication of magneto, starter, and generator, and precautions to be observed.

h-a 45 frames Handling charge, $.50

POWERS OF THE PRESIDENT (NYT)

Traces the history and the powers of the office of President of the United States under these subject headings: Historical and Constitutional; Electing a President; The President's Duties; The President's Advisers; From Policy to Action; Do Checks and Balances Work?

j-h-c-a 58 frames $.50

PREAPPROACH: SALESMANSHIP (McGH)

Supplements the motion picture by the same title. Correlated with the textbook: "A Textbook of Salesmanship" by Russel and Beach published 1949.

c-a 28 frames $.50

PREPARATION FOR FABRIC COVERING (CAA)

Demonstrates cross-rib bracing on wing structures, dope-proofing, and fabric estimating in aircraft construction.

h-a 40 frames Handling charge, $.50

PREPRIMER, PRIMER AND FIRST READER SET (BEF)

Skip Along
Under the Sky
Open the Door
High on the Hill
Day In and Day Out
The New Roundabout

Part of the Alice and Jerry Reading Series; an aid to reading training, coordinated with Row, Peterson Co., textbooks.

p Approx. 45 frames ea. $.50 ea.

PRESERVE THE ORIGINAL STRENGTH (CAA)

Stresses that an airplane is as safe as the strength of its weakest point. Explains tension, compression, shear, bending, and torsion; explains the monocoque and semi-monocoque types of fuselages and the "stressed" skin type of wing structure.

h-c-a 57 frames Handling charge, $.50

PRINCIPLES OF PHYSICS (SS)

Mechanics, Part I
Mechanics, Part II
Heat
Sound
Light
Magnetism
Electricity

Based around those fundamental principles which for years have been included in state study courses.

i-j-h Approx. 30 frames ea. $.50 ea.

PROBLEMS OF THE NEW ADMINISTRATION (NYT)

Illustrated with photos, maps and charts. Divided into three main sections: (1) foreign problems like Korea, the U.N. foreign aid and trade; (2) domestic problems like inflation, taxes, demands of labor and management and security programs; (3) governmental problems, like unifying his own party, getting along with Congress and making appointments to important posts.

h-c-a 54 frames $.50

PROCESSING OF WOOL FROM FLEECE TO FIBER (WBI)

Shows each step in wool manufacturing, including scouring, sorting, spinning, fulling, dyeing, drying, and finishing processes.

j-h-c-a 46 frames $.50

PRODUCING A PLAY (IFB, Color)

Designing a Set
Building a Set
Make-up for Girls
The Stage Manager
Straight Make-up for Boys
Character Make-up for Boys
Managing a Show

Deals with the production of a play about Tom Sawyer.
i-j-h Approx. 25 frames ea. $.50 ea.

PROJECTION PRINTING I (McGH)

Part of a series on dark-room procedures.
h-c-a 50 frames $.50

PROJECTION PRINTING II (McGH)

Part of a series on dark-room procedures.
h-c-a 36 frames $.50

PROSPECTING: SALESMANSHIP (McGH)

Supplements the motion picture with the same title. Correlated with the textbook "A Textbook of Salesmanship" by Russel and Beach published in 1949.
c-a 24 frames $.50

PUBLIC RELATIONS FOR BUSINESS AND PROFESSIONAL PEOPLE (DPP, Color)

Explains the ABC's of public relations. Teaches how to cooperate with other human beings. Tells how to use public relations in any kind of business or profession.
h-c-a 55 frames $.50

PUBLIC RELATIONS FOR LABOR (UI)

Emphasizes the importance of mutual understanding between groups in a community and the necessity for labor to explain to the public its own goals and practices. Points out some of the methods unions can use to build better relations with other groups in the community.
a 36 frames $.50

PUEBLO INDIAN PREHISTORY (FWP, Color)

Depicts the origin and civilization of the Pueblo Indians of the Southwest. Includes scenes of early hunting methods and tools, houses, farming, basket making and pottery, the cliff palace and the sun temple at Mesa Verde, rock carvings, ceremonial objects and life and culture in modern Pueblo villages.
j-h-c-a 50 frames $.50

PUSS IN BOOTS (YA, Color)

Children's story in art work by leading American artist and illustrator of children's literature.
p 50 frames $.50

QUADRILATERALS (SVE)

Photographs from the daily environment plus original illustrations explain basic geometric terms and concepts of the quadrilateral.
j-h 54 frames $.50

RABBIT AND THE TURTLE (FFX, Color)

Adapted from Aesop's fables and suitable for reading readiness. The words are first introduced with the picture directly and they are next used in a slightly different context.
p 23 frames $.50

RABBIT WHO WANTED RED WINGS (CUR, Color)

An old Southern folk tale about the rabbit who wished for red wings and got them.
p 26 frames $.50

RADIO ALTIMETER OPERATION (AN/ARN-1) — INTERPRETING THE ALTIMETER INDICATIONS (CAA)

Explains how to determine if the radio altimeter (model ARN-1) is operating normally and how to interpret its indications in level flight, glide, bank, and at altitudes above 400 feet.
h-c-a 48 frames Handling charge, $.50

RADIO ALTIMETER OPERATION — (AN/ARN-1) PRINCIPLES OF OPERATION (CAA)

Points out the shortcomings of aneroid altimeter; shows how the radio altimeter overcomes these; indicates the characteristics of the radio altimeter's scale, how it is graduated and the degree of accuracy of its indications at different levels. Shows the location of the principal units of the ARN-1 model, along with a brief explanation as to how these are utilized in maintaining flight at a fixed altitude. Gives a brief description of the principles which enable the radio altimeter to measure altitude.
h-c-a 67 frames Handling charge, $.50

RADIO AND CONTROL (CAA)

Explains the use of aircraft radio in maintaining contact with base stations.
h-c 55 frames Handling charge, $.50

RADIO FREQUENCY AMPLIFICATION (CAA)

Describes the theory and practice of amplification of the detected radio wave.
h-c-a 18 frames Handling charge, $.50

RADIO RANGE COURSE CONTROL ELEMENTS (CAA)

Describes the components and construction of the interlocking, squeezing, rotating, and bending elements and how each controls the low frequency radio range courses.
c-a 42 frames Handling charge, $.50

RAINDROPS AND EROSION (USDA, Color)

Shows results of research relating to damage caused by raindrops beating on soil. Illustrates raindrops as primary cause for destruction of topsoil. Depicts many of the processes of raindrop action and discusses the effects on topsoil.

j-h-c-a 50 frames $.50

RECREATION — A COMMUNITY PROBLEM (SVE)

Tells what is needed to have an adequate well rounded community recreation center. Also lists rules to follow for recreational safety.

j-h 59 frames $.50

RED TIDES IN THE ORIENT (NYT)

America's interest in the Far East is outlined; also the extent of Communist power there. The threat of Communism is shown to have its roots in the poverty in the area. What the West has done to combat the dangers of Communism and the Communists in the Far East are shown. The importance of raising living standards in the Far East is sketched.

h-c-a 53 frames $.50

REFUELING THE AIRPLANE (CAA)

Shows the step-by-step procedures in properly refueling an airplane.

h-c-a 35 frames Handling charge, $.50

REGENERATION (CAA)

Describes the principles involved in setting up a regenerative circuit and explains its effects and their control.

h-c-a 23 frames Handling charge, $.50

RENAISSANCE VENICE (LI, Color)

Endeavors to suggest the full sweep of 16th-century Venice. Photographs and paintings have been selected to represent not only the physical appearance of the city but the government, trade and religion — its whole civilization, as reflected on the canvases of the great Venetian painters.

h-c-a 49 frames $.50

REPRODUCERS (CAA)

Describes the construction and operation of headphones and loud-speakers.

h-c-a 29 frames Handling charge, $.50

REPTILES SET (SVE, Color)

Lizards of the World
Poisonous Snakes of the U.S.
Nonpoisonous Snakes of the U.S.
Crocodilians and Turtles
Snakes Outside of the U.S.

Shows living habits, environment, and identifying characteristics of these animals. Captions explain their usefulness and native habits.

i-j-h 40 to 50 frames ea. $.50 ea.

RHYTHM MAGIC I (YA, Color)

An introduction to time values of musical notes and rests and their significance in rhythm.

i-j 32 frames $.50

RHYTHM MAGIC II (YA, Color)

An introduction to time values of musical notes and rests, and their significance in rhythm. Dotted note, time signs, rhythmical pattern, etc.

i-j 51 frames $.50

RHYTHM MAGIC III (YA, Color)

An introduction to time values of musical notes and rests, and their significance in rhythm. Tied note, triplets, compound time, tempo, etc.

i-j 45 frames $.50

RISING TIDE OF NATIONALISM (NYT)

Traces the course of nationalism since WW II in all areas of the world, with particular emphasis on Asia. Following an introduction which sets the background of nationalism with a reference to our own Declaration of Independence, the filmstrip is divided into six sections: East Asia, Southeast Asia and the South Pacific, South Asia, the Middle East and North Africa, Central and Southern Africa, and the Western hemisphere.

h-c-a 59 frames $.50

RIVER BOATS AND THE BUILDING OF AMERICA (MUF, Color)

Recaptures some of the past glories of the river steamboats. Whether on the Hudson, the Connecticut, the Ohio, the Mississippi, the Missouri, the Columbia, or the streams that fed these rivers, the story of the river boat is the story of the growth of America.

j-h 40 frames $.50

ROBIN REDBREAST (STIL, Color)

The childrens poem by William Allingham containing 17 pictures and 18 titles.

p 36 frames $.50

ROMEO AND JULIET (YA)

Based on the feature film of the same title, produced from Shakespeare's play.

h-c 62 frames $.50

RURAL SCHOOL LUNCHES (SVE)

Illustrates practical suggestions of ways in which mothers and teachers in rural areas can insure a midday meal which provides children with nourishment and energy.

a 56 frames $.50

SAFE ONLY IN SMART HANDS — MACHINE TOOLS (SVE)

Helpful hints on how to use tools such as the circular saw, drill, portable drill, tool grinder, knife, wood chisel, hammer and wrench.

j-h 53 frames $.50

SAFE PRACTICES IN THE HOISTING OF MATERIAL (CAA)

Discusses the construction and types of wire rope cable; how to "seize" it; how to use slings properly; the right and wrong ways of clipping wire cable; the capacities of different wire ropes; hand signals used in hoisting; proper use and care of manila ropes, and the proper procedures to follow for safe hoisting.

h-c-a 82 frames Handling charge, $.50

SAFE USE OF SWINGS AND SLIDES, A (NESP, Color)

Stresses the positive approach to safe use of playground equipment. Shows through the medium of puppets, the right way of taking turns, sitting straight, swinging in one direction, the safety line, etc.

p-i 28 frames $.50

SAFETY AT HOME (EDP)

Two children play safety games with their mother, acting out danger spots and showing how to avoid them. Covers objects on stairs, caution with electrical fixtures, knives, accident hazards in the kitchen and bathroom.

p-i 23 frames $.50

SAFETY FOR CHILDREN (SVE)

Home Safety
In Case of Fire
Play Safe
Safety on Two Wheels
Tom Joins the Safety Patrol

A set of 5 filmstrips portraying hazards and safety precautions in the lives of children at home, play, school, and on the street. Produced by National Safety Council.

p-i 40 to 60 frames ea. $.50 ea.

SAFETY ON THE FARM (NFBC, Color)

By relating the humorous antics of City Cousin Louie, a mouse, who runs the gamut of typical farm accidents while visiting his farm cousin, Gus, this filmstrip dramatizes the need for safety precautions for children on the farm.

p-i 46 frames $.50

SAFETY PRACTICES FOR THE MOTOR VEHICLE DRIVER (NON-MILITARY DRIVING) (CAA)

Presents a large variety of questions and typical situations to test the motor vehicle operator's knowledge of safe driving practices.

h-c-a 108 frames Handling charge, $.50

SALEM, HUB OF COLONIAL COMMERCE AND CULTURE (MUF, Color)

This filmstrip presents the story of the development of a colonial city. We see the crude huts of the first settlers and the beautiful mansions of the colonial and post-Revolutionary period when Salem was one of the most important ports in the Western Hemisphere.

j-h 40 frames $.50

SANDY IS A GROUND SQUIRREL (AVE)

The story of a live baby ground squirrel who was brought down from the mountains to a children's museum where he became the cherished pet of all the young children who came to see him. Photographs of his stay in the museum have been made into a story built around the alphabet.

p 55 frames $.50

SAUL AND DAVID (ALN)

Scenes depicted include among others David's battle with Goliath, his spectacular rise to fame, his friendship with Jonathan, his persecution by and flight from the envious king, and his gracious gesture in sparing Saul's life in the cave episode. Closes with the visit of Saul to the woman of Endor and his tragic death on the field of battle.

h-c-a 35 frames $.50

SCIENCE AND INVENTION (INF)

The story of American Science and invention from colonial times to the present. Shows Franklin, Edison, electric light, automobile inventions, etc.

i-j-h 48 frames $.50

SCIENCE IN EVERYDAY LIFE (EGH, Color)

Machines for Daily Use
Air and Life
Soil and Its Uses
The Sounds We Hear
The Stars in the Sky
Water and Its Importance
Light in Our Daily Lives
Airplanes and How They Fly
What Makes the Weather?

Indicates the scientific background of common everyday occurrences.

i-j Approx. 25 frames ea. $.50 ea.

SEAMS AND SEAM FINISHES (YA)

Explains and demonstrates important skill in sewing.

j-h-c-a 42 frames $.50

SEASONAL HABITS (CUR, Color)

Illustrates the ways in which many animals make seasonal changes in their activities and how migration and hibernation relate to the regular changes in the seasonal activity.

i-j 25 frames $.50

SEASONS, WEATHER AND CLIMATE (JH, Color)

Our Earth in Motion
The Sun and Our Seasons
What Is Weather?
What Makes the Weather?
Climate

Shows the basic concepts of weather, the seasons, and climate.

i-j Approx. 40 frames ea. $.50 ea.

SECOND GRADE READINESS SET (SVE)

The New Down the River Road, Part I
The New Down the River Road, Part II
The New Down the River Road, Part III
The New Down the River Road, Part IV
The New Down the River Road, Part V

Reading readiness and training series for second graders. Coordinated with Row, Peterson text books.

p Approx. 45 frames ea. $.50 ea.

SECOND GRADERS TRY THEIR WINGS (CAA, Record)

Tells the story of how one second-grade class at Bromwell School in Denver learned some important things about aviation and the part it has come to play in our lives.

p-c 64 frames 9 minutes
Handling charge, $.50

SEEING DOUBLE (McGH)

Intended to aid young people in meeting the problems of courtship and marriage.

j-h-c-a 30 frames $.50

SELECTION AND PREPARATION OF MATERIALS (YA)

Explains and demonstrates important skill in sewing.

j-h-c-a 38 frames $.50

SELLING AMERICA (JH)

Getting Them Talking
Being Agreeable
Getting Together
Keeping Your Neck In
Telling the Whole Story

Sound slidefilms presenting techniques of selling and customer relations.

h-c-a Approx. 55 frames ea. $.50 ea.

SERVICING HYDRAULIC SYSTEMS (CAA)

Lists the mechanisms of an aircraft that are generally operated by a hydraulic system. Explains what the job of servicing the hydraulic system includes and goes on to list the common causes of trouble and describes how to correct each type.

h-a 49 frames Handling charge, $.50

SHAKESPEARE'S THEATER (YA)

A study of the Globe theater and a record of how one class built a model of it.

h-c 43 frames $.50

SHAPE DESCRIPTION I (McGH)

Based on the motion picture with the same title. Correlated with the book "Mechanical Drawing" by Thomas E. French.

h-c-a 33 frames $.50

SHAPE DESCRIPTION II (McGH)

Based on the motion picture with the same title. Correlated with the book "Mechanical Drawing" by Thomas E. French.

h-c-a 32 frames $.50

SHEP, THE FARM DOG (EB)

A day in the life of a farm collie caught realistically in a series of pictures which shows him herding cows, eating, hiding a bone and playing with his master.

p-i-j 69 frames $.50

SHEPHERD'S GIFT, THE (ALN, Record, Color)

The story is told by a grandmother to her little granddaughter on a Christmas eve. It is the tale of a surly old shepherd, involved against his will in events attending the birth of the Child Christ.

p-i-j-h-c-a 40 frames $.50

SHINGEBISS (CUR, Color)

An indian tale about the little brown duck who was not afraid of the big North Wind.

p 26 frames $.50

SHOCK (CAA, Record)

Shows how to recognize and treat victims for shock; outlines the symptoms that usually accompany shock and several methods of first-aid treatment.

j-h-c-a 29 frames 6 minutes
Handling charge, $.50

SHOP PROCEDURES (McGH)

Based on the motion picture by the same title. Correlated with the book "Mechanical Drawing" by Thomas E. French.

h-c-a 41 frames $.50

SIMPLE SIMON AND THREE LITTLE KITTENS (STIL, Color)

Illustrates two familiar nursery rhymes.

p 28 frames $.50

SIMPLIFIED FILMSTRIP PRODUCTION (OSU)

Outlines a method by which any amateur photographer can produce filmstrips locally with a 35 mm. camera.

h-c-a 40 frames $.50

SINGING WHEELS I (SVE)

Photographs correlated with Singing Wheels.

i 44 frames $.50

SINGING WHEELS II (SVE)

Correlated with Singing Wheels.

i 46 frames $.50

SIZE DESCRIPTION (McGH)

Based on the motion picture with the same title. Correlated with the book "Mechanical Drawing," by Thomas E. French.

h-e-a 33 frames $.50

SKETCHING WITH CRAYONS (YA, Color)

Illustrates the beginning of drawing directly from the child's surroundings and stresses attitudes desirable in both teacher and children when sketching starts.

i-j 37 frames $.50

SKY, THE (JH)

A Multitude of Suns
Stories of the Constellations
The Sun's Family
Interesting Things about the Planets
Our Neighbor, the Moon
The Changing Moon
How We Learn about the Sky

Interesting and pertinent information about the earth's neighbors in space — our sun, the moon, stars, planets, comets, and meteors — is visualized.

i-j 50 to 70 frames ea. $.50 ea.

SLEEVES AND NECKLINES (YA)

Explains and demonstrates important skill in sewing.

j-h-e-a 44 frames $.50

SLIDE RULE OPERATION AND APPLICATION — PART III: SOLVING SPECIAL BASIC PROBELMS (CAA)

Demonstrates the use of the slide rule in finding the squares, cubes, square roots, and cube roots of numbers, the area and circumference of a circle, the reciprocals of numbers and the products of three factors.

h-e-a 38 frames Handling charge, $.50

SOIL CONSERVATION SET (SVE, Color)

How Nature Defends Soil
How Man Destroys Soil
Controlling Erosion in Fields and Woods
Gully Erosion Problems

Pictures various factors of soil erosion control problems.

j-h-e-a Approx. 55 frames ea. $.50 ea.

SOME EUROPEAN NEIGHBORS (EGH, Color)

Italy
Holland
England
Paris
France, The Country and Its People
Spain
Greece
Switzerland
Sweden

A set of 9 filmstrips emphasizing the essential unity between our point of view and that of our Western European neighbors. Stresses the culture and the way of life of the people who live in these countries, showing not only the difference in their mode of life, and ours, but also some of the similarities.

i-j Approx. 25 frames ea. $.50 ea.

SOME ISLANDS AND COUNTRIES OF THE WESTERN HEMISPHERE (EGH, Color)

Puerto Rico
Panama
Mexico
Cuba
Haiti
Bermuda
Honduras
Guatemala
Salvador

A set of 9 filmstrips stressing the natural resources, geographic features, home life, native costumes, and industries of the several countries visited.

i-j-h Approx. 25 frames ea. $.50 ea.

SONGS TO SING I (YA, Color)

Words and music to Twinkle Twinkle Little Star; Sing A Song of Sixpence; See-saw Margery Daw; Pussy Cat, Pussy Cat.

i 28 frames $.50

SONGS TO SING II (YA, Color)

Three Blind Mice; Little Bo Peep; Hey Diddle Diddle; Little Jack Horner.

i 28 frames $.50

SONGS TO SING III (YA, Color)

Simple Simon; Home On The Range; Rock-a-Bye Baby; Baa Baa Black Sheep.

i 28 frames $.50

SONGS TO SING IV (YA, Color)

Jack And Jill; Humpety Dumpety; Mary Had A Little Lamb; Hickory Dock.

i 28 frames $.50

SORCERER'S APPRENTICE, THE (JH, Color)

This story, so clearly described by Dukas' music, is presented with freshness and charm in these filmstrip slides in color. An apprentice uses the sorcerer's magic art to make a broom carry water. Unable to tame the spirit he summoned, the apprentice is saved from disaster only by the return of the sorcerer.

p-i 29 frames $.50

SPANISH EXPLORERS (EGH, Color)

Columbus and the Discovery of America
The Voyages of Magellan
Cortez and the Conquest of Mexico
Pizzaro and the Conquest of Peru
Spanish Explorations in the Southeast U. S.
Spanish Explorations in the Southwest U. S.

Starting with the background of Columbus and the discovery of America, these six filmstrips follow in chronological order through Spanish Explorations in the Southeast and Southwest United States.

i-j Approx. 50 frames ea. $.50 ea.

SPANISH THROUGH PICTURES PARTS I & II (ES)

Part I parallels the first half of the various Pocket Books of the same name, and Part II parallels the second half of the various Pocket Books.

j-h-c-a Approx. 36 frames ea. $.50 ea.

SPOT PRINTING AND DODGING (McGH)

Part of a series on photographic dark room procedures.

h-c-a 42 frames $.50

STENCILING (YA, Color)

Illustrates the use of stenciling in creating repeated patterns for decorative use. Introduces one method of stimulating ideas for design.

i-j 36 frames $.50

STOP, LOOK AND QUESTION (CAA, Record)

Describes the job method plan of job improvement.

h-c-a 92 frames 18 minutes
Handling charge, $.50

STORE, THE (CUR, Color)

Pictures of the country store reconstructed at the Farmers' Museum, Cooperstown, New York.

i-j 27 frames $.50

STORIES OF MUSIC CLASSICS (strips) (JH)

The Sleeping Beauty
William Tell
A Midsummer Night's Dream
The Swan Lake
The Bartered Bride
Scheherazade

Visualizes the story backgrounds of many fine musical selections.

i 30 frames ea. $.50 ea.

STORY OF BABYLONIA (SVE)

The Joint Expedition to Ur of the Chaldees
Ur of the Chaldees in the Time of Abraham
Palaces and Temples of the Kings of Assyria
Babylonia in the Time of Nebuchadnezzar

Set of 4 filmstrips dealing with the life and culture of early Babylon. May be used in place of Museum Trip. Illustrative material is authentic for study of anthropology, archaeology, ancient history.

i-j-h-c 65 to 75 frames ea. $.50 ea.

STORY OF BUILDING OF A HOUSE (EGH, Color)

How It Started
Excavating the Cellar
Building the Cellar
Building the Frame of the House
Electricians, Carpenters, and Plasterers
Painting and Tiling
Various Installations
Further Installations
The House Is Built

Nine filmstrips explaining the complex process. Designed to show the hundreds of details that go into building the simplest house, and to show that the construction of a house involves the work and skill of many men. Shows masonry, bricklaying, carpentry, plumbing, heating, wiring, painting, and many others.

p-i-j-h Approx. 25 frames ea. $.50 ea.

STORY OF COMMUNICATION (EGH, Color)

Signs and Signals
Paper and Books
Messengers
Mail Goes Through
Modern Means of Communication
Speaking and Writing
Communication by Sound
Communication by Light
Communication by Electricity

Develops the story of communication through the centuries beginning with the inarticulate sound of primitive man.

i-j Approx. 25 frames ea. $.50 ea.

STORY OF CORN (CUR, Color)

Shows how corn in many forms is important to man and animal for food and follows the steps in the production of corn.

p-i 32 frames $.50

STORY OF EGYPT (SVE)

Life in Ancient Egypt
The Egyptian Mummy
Egyptian Arts

Set of 3 filmstrips with actual photographs of the region, maps, museum specimens, and diagrams deals with life in ancient Egypt as discovered in archaeological findings, methods used in mummifying, and the construction of pyramids. Introduces students to various aspects of life and culture of early Egyptians.

i-j-h 63 frames ea. $.50 ea.

STORY OF ESTHER, THE (ALN)

The fascinating story of Queen Esther is depicted closely following the narrative as told in the Book of Esther.

h-c-a 30 frames $.50

STORY OF HOUSES (EGH, Color)

The First Homes
Strange Houses
More Strange Houses
The First Permanent Houses
Dwellers in Tents
Castle and Manor House
Houses Around the World
Homes of the American Indian
Homes in the United States — Old and New

Depicts the kinds of homes man has built through the centuries and the materials he used in building.

i-j 23 frames ea. $.50 ea.

STORY OF JOHNNY APPLESEED (SVE, Color)

Calls attention to the events in the life of Johnny Appleseed (John Chapman) and shows why he is honored on Arbor Day.

i 31 frames $.50

STORY OF RUBBER (EGH, Color)

Shows how rubber is collected throughout South America.

i 27 frames $.50

STORY OF THE AIRCRAFT PROPELLER (CAA)

Discusses the principle upon which all propellers operate; tells the operating advantages and limitations of different modern types of propellers.

j-h 49 frames Handling charge, $.50

STORY OF THE AMERICAN FLAG, THE (EGH, Color)

The Flag Is Born
The Flag Develops
How to Honor and Display the Flag

A set of 3 filmstrips provides in full, brilliant color the story of our history in terms of the birth and development of our flag.

i-j-h-c-a Approx. 25 frames ea. $.50 ca.

STORY OF THE AMERICAN INDIAN (EGH, Color)

The Early American Indian
The Indian Boy and Girl
The Woodlands Indians
Indians of the Southlands
The Plains Indians
Indians of the Southwest — Part I
Indians of the Southwest — Part II
Indians of the North Pacific Coast
After the White Man Came

A set of 9 filmstrips showing the Indian as a fellow human being, the understanding of how the early American Indian adapted himself to his environment, the appreciation of the contributions of the Indian to the American way of Life, Indian manners and customs, and an appreciation of Indian traditions and legends.

i-j Approx. 25 frames ea. $.50 ea.

STORY OF THE DEVELOPMENT OF MAN (SVE)

Men of the New Stone Age in Europe
Men of the Old Stone Age
History of Shelter
History of Clothing
Development of Writing
Primitive Tools

A set of 6 filmstrips introduces students to steps in development of man. Explains how historical data are assembled and interpreted. Shows relationship of various alphabets.

i-j 50 to 75 frames ea. $.50 ea.

STORY OF THE EXODUS, THE (ALN)

Depicts the dramatic story of the deliverance of the ancient Hebrews from Egyptian bondage beginning with the arrival of Jacob in Egypt.

h-c-a 37 frames $.50

STORY OF TRAINS (CUR, Color)

Stresses the first use of rails in the coal mines of England; the simultaneous progress made in rail travel in England and the United States; the early locomotives in the United States — the Tom Thumb, the DeWitt Clinton and the John Bull; the improvements and modifications that led to increased efficiency and greater performance and the importance of trains in the "Westward Movement."

p-i 27 frames $.50

STORY OF TRANSPORTATION (EGH, Color)

Transportation on Foot
The Wheel in Transportation
Animals in Transportation
Transportation in the American Colonies
Roads, Bridges, and Tunnels
The Railroad in Transportation
Transportation by Water
Transportation in the Air
Modern Land Transportation

Shows how the development of civilization parallels the development of transportation.

i-j 23 frames ea. $.50 ea.

STRAIGHT AND TALL (YA)

Shows what good posture is and why it is desirable. Points out that proper food, exercise and plenty of rest will help make strong, straight bodies.

p 38 frames $.50

STRAW OX (YA, Color)

Presents the children's story in art work by a leading illustrator of children's literature.

p 48 frames $.50

STRONG TEETH (YA)

Shows two children doing the everyday things that maintain good teeth, with emphasis on the necessity of establishing regular habits in the care of teeth.

p 36 frames $.50

STUDIES IN BACTERIOLOGY: I CLASSIFICATION (USPHS)

Shows by cinephotomicrography and explains by captions the characteristics of five families of bacteria; Azotobacteriaceae, Micrococcaceae, Enterbacteriaceae, Bacillaceae, and Anthorhodaceae.

c-a 4 minutes $1.00

STUDIES IN BACTERIOLOGY: II MOTILITY (USPHS)

Shows by cinephotomicrography and explains by captions the motility of monotrichous, amphitrichous, and peritrichous bacteria.

c-a 6 minutes $1.00

STUDIES IN BACTERIOLOGY: III CELL DIVISION (USPHS)

Shows by cinephotomicrography and explains by captions the process of cell division of spherical and rod-shaped bacteria.

c-a 6 minutes $1.00

SUGAR THROUGH THE AGES (AVA, Color)

Traces the history of sugar and the sugar trade; indicates how and in what parts of the world sugar is obtained. Concludes with information on the importance of sugar in food and its by-products in industrial materials.

i-j-h 50 frames $.50

SUPERVISORY AND FOREMAN TRAINING (JH, Records)

Preparing for the Future
Safety for Sale
Fair and Cool
Big Little Things
New Men at Home

Slidefilms helping to train foremen and supervisors.

h-c-a 50 to 70 frames ea. $.50 ea.

SURPRISE FOR SUSAN AND PETER (SVE, Color)

Art work illustrations show how two small children develop proper habits in caring for their bodies, eating good food, and wearing appropriate clothes.

p-i 36 frames $.50

SUSAN AND PETER DRESS TO MATCH THE WEATHER (SVE, Color)

Art work illustrations show how two small children develop proper habits in caring for their bodies, eating good food, and wearing appropriate clothes.

p-i 36 frames $.50

SUSAN AND PETER GO TO MARKET (SVE, Color)

Art work illustrations show how two small children develop proper habits in caring for their bodies, eating good food, and wearing appropriate clothes.

p-i 34 frames $.50

SUSAN AND PETER VISIT GRANDFATHER'S FARM (SVE, Color)

Art work illustrations show how two small children develop proper habits in caring for their bodies, eating good food, and wearing appropriate clothes.

p-i 38 frames $.50

SWEET SAP (SVE)

Shows the production of maple syrup from the tapping of the tree to the final canning or bottling.

i-j-h 25 frames $.50

SWINE SERIES (COLF, Color)

Fitting and Showing Hogs
Selecting Breeding Hogs
Slaughtering and Cutting Hogs

Shows the desirable characteristics of the various parts of the hog in selection based on individual excellence. Also shows step by step procedure in slaughtering and curing a hog, beginning with the sticking operation and ending with the carcass completely cut up into all desirable parts.

h-c-a Approx. 25 frames ea. $.50 ea.

TALE OF TWO SEAMS, A (SIS)

Demonstrates good practice in sewing and the use of the machine. Covers posture, selection of needles, cleanliness, pressure control, care of machine, etc.

i-j-h-c 46 frames $.50

TALES FROM GRIMM AND ANDERSEN (JH, Color)

The Shoemaker and the Elves
The Wolf and the Seven Little Kids

Rapunzel
The Frog Prince
Spindle, Shuttle, and Needle
Hans Clodhopper
The Princess on the Pea

Helps primary children develop an appreciation for literature in the telling of these beloved fairy tales.

p Approx. 25 frames ea. $.50 ea.

TEACHERS CONSIDER FILMSTRIPS (EGH, Color)

Suggest many facets for exploration in the effective use of filmstrips by the enterprising teacher.

c-a 27 frames $.50

TEEN-AGE SOCIAL RELATIONS (SVE)

Boy Meets Girl
Boy Dates Girl
The Story of Growing Up
Boy Marries Girl
Being Sensible About Sex

A set of 5 filmstrips serving as a basis for discussion of dating, marriage, and sex. Aids in understanding the physical changes which take place in growing up.

j-h Approx. 40 frames ea. $.50 ea.

TEEN PROBLEMS SERIES: GETTING ALONG WITH YOUR PARENTS (CHS)

Suggests six positive things a teen-ager can do to get along better with his parents.

j-h 38 frames $.50

TEEN PROBLEMS SERIES: LEARNING TO BE INDEPENDENT (CHS)

Presents ways to cut strings of dependence: earning one's money, learning to make one's decisions, learning to say "Yes" and "No" for one's self.

j-h 39 frames $.50

TEEN PROBLEMS SERIES: MAKING PEOPLE LIKE YOU (CHS)

Suggests five ways of making people like you, from the life of Jesus: make them feel at ease, make them feel like a somebody, be happy and optimistic, be interested in people and express that interest.

j-h 43 frames $.50

TEEN PROBLEMS SERIES: UNDERSTANDING YOURSELF (CHS)

Presents ways of improving one's personality, with emphasis on the inner self — getting renewal and direction from God.

j-h 51 frames $.50

TELLING TREES APART (SVE, Color)

Presents the divisions of trees into conifers and broad-leafed; identification of common trees through leaf, bud, bark, fruit, flower, shape of tree, cones, knees, etc.

i-j-h 44 frames $.50

TEMPERATURE (JH)

Discusses the nature, origin, and significance of heat as a source of energy and shows how temperature is measured.

h 68 frames $.50

THEFT OF FIRE (CUR, Color)

From the Indians of the western plains comes the tale of how Thunder stole fire from the animals and how they banded together to get it back.

p 26 frames $.50

THERE'S MONEY IN LOCAL AIR TOURS (CAA, Record)

Depicts the profit potential in local air tours when properly planned and conducted, and points out some of the areas which offer possibilities for this type of activity.

c-a 52 frames 12 minutes
Handling charge, $.50

THIRD GRADE READINESS SET (SVE)

The New Through the Green Gate, Part I
The New Through the Green Gate, Part II
The New Through the Green Gate, Part III

Coordinated with Row, Peterson Textbooks for third grade reading.

p Approx. 50 frames ea. $.50 ea.

THIS CHARMING COUPLE (McGH)

Deals with a frequent cause of broken marriages — the false ideas of romantic love on which many marriages are built.

c-a 39 frames $.50

THIS IS KOREA (ES, Color)

The Geography
The People
Making a Living
Culture and Religions

A set of 4 filmstrips portraying Korea, its people, geography, economics, culture and religions. On the spot pictures released for the first time in the United States, provides the background for a better understanding of the country that occupies the center of World History today.

i-j-h Approx. 45 frames ea. $.50 ea.

THOUGHTS ON MANAGEMENT (PRA, Records, Color)

Introduction
Objectives of Business

Man's Basic of Accomplishment
Man's Place in An Organization
Measuring Executive Value
Effective Deputization
Policy as a Working Tool
Man-to-Man Relations

A set of 9 filmstrips, dramatically portrays how to reach a basic understanding of human relations in industry. Based on more than fifteen years of actual experience with hundreds of companies and executives, covering every type of industry. Packaged with set of a complete leader's manual, detailing instructions for conducting effective group meetings, using the above materials.

h-c-a Approx. 130 frames ea. $.50 ea.

THREE BEARS (YA, Color)

Presents the children's story.

p 24 frames $.50

THREE LITTLE KITTENS (EB)

Shows the growth and development of three kittens until the time when they become independent of the mother.

p-i-j 73 frames $.50

THREE LITTLE PIGS (YA, Color)

Presents the children's story.

p 30 frames $.50

TO PROMOTE BETTER LIFE (NYT)

Starting with the statement that well over half of the world's people are sick, hungry, poor, ignorant, and oppressed; that such conditions breed discontent and discontent breeds war, presents the activities of various United Nations organizations which attack these conditions.

h-c-a 56 frames $.50

TO SECURE THESE RIGHTS (FPI)

Outlines the recommendations of President Truman's Committee on Civil Rights.

h-c-a 25 frames $.50

TODAY'S FARMER (CUR)

Shows the successful farmer today as a well-informed, well-equipped individual who, through increased productivity, has secured better housing, better schools, more leisure, and is therefore a valuable adjunct to society not only as a producer but as a consumer as well.

j-h 34 frames $.50

TOOLS FOR SEWING (YA)

Explains and demonstrates important skill in sewing.

j-h-c-a 37 frames $.50

TOWING, MOORING, HANDLING AIRPLANES (CAA)

Shows the proper method of towing, mooring, jacking, and hoisting various types of airplanes.

h-c-a 81 frames Handling charge, $.50

TRAILERS AT WORK (CUR, Color)

Presents all types of trailers within the child's experience — home trailers, circus trailers, poultry trailers, horse trailers, etc.

p 27 frames $.50

TRANSITION PHASE — BASIC TRAINING: PART I (CAA)

Describes the correct procedures for cockpit check; taxiing, including control positions during taxiing; take-off, turns after take-off, climbing turns and leveling-off. Explains the purpose and meaning of transition phase.

h-c-a 41 frames Handling charge, $.50

TRANSITION PHASE — BASIC TRAINING: PART II (CAA)

Describes the procedures for medium turns, gliding turns, landings, coordination exercises, and steep turns.

h-c-a 50 frames Handling charge, $.50

TRANSITION PHASE — BASIC TRAINING: PART III (CAA)

Lists the factors influencing the airspeed at which stalls occur, and describes the procedures to recover from standard stalls, characteristic stalls (power off), rudder-controlled stalls (power on), and normal recovery stalls (with power on and power off).

h-c-a 55 frames Handling charge, $.50

TRANSPORTATION AROUND THE WORLD SERIES: CONQUERING THE AIRWAYS (PS)

Traces the development of air transportation; contrasts dirigibles and balloons with airplanes; illustrates different types of aircraft used today.

i-j 53 frames $.50

TRANSPORTATION AROUND THE WORLD SERIES: ENGINE, RAILS, AND ROADS (PS)

Shows the development of certain forms of fuel-powered transportation — railroad trains, trolley cars, automobiles, trucks, and buses.

i-j 55 frames $.50

TRANSPORTATION AROUND THE WORLD SERIES: SAFETY IN TRANSPORTATION (PS)

Emphasizes the importance of carefulness in avoiding accidents; explains the concept of reaction time in relation to automobile driving; illustrates various safety devices and practices, and shows how government has taken certain steps to insure safety in transportation.

i-j 52 frames $.50

TRANSPORTATION AROUND THE WORLD SERIES: STEAM, SAIL, AND MUSCLE (PS)

Traces the development of the ocean liner from the days of primitive boats.

i-j 45 frames $.50

TRANSPORTATION IN THE CITY (CUR, Color)

Reviews the main ways to travel in the city — walking, bus, streetcar, auto, taxi, and bicycle.

p-i 25 frames $.50

TRANSPORTATION IN THE UNITED STATES (CUR, Color)

Shows how the development of better means of transportation and better roads went hand in hand with the development of our country: the Indian's canoe and horse; the settler's oxcart, wagon, and pack train; the stagecoach and Conestoga wagon; the flatboat and steamboat; the early locomotives; the pony express, bicycle, automobile, and airplane.

p-i 27 frames $.50

TREES (STIL, Color)

Deals with trees and their uses.

p-i 32 frames $.50

TRIP THROUGH OUR SCHOOLS (TRK)

Shows John's first day at school. His teacher takes him with the rest of the class on a trip through the school during which they visit the principal, nurse, boiler room, garden, play area, etc.

p 54 frames $.50

TRUCKS AT WORK (CUR, Color)

Shows all types of trucks within the range of the child's experiences — delivery truck, milk truck, moving van, traveling dentist's truck, refrigerator truck, mail truck, etc.

p 27 frames $.50

TUGBOAT, THE (YA)

Describes the tugboat in detail, showing how it is built to perform its work and how the tug is essential to the busy seaport.

i-j 34 frames $.50

TUNING (CAA)

Describes the theory of tuning a radio circuit.

h-c-a 27 frames Handling charge, $.50

TURBOSUPERCHARGER, THE — DISASSEMBLY: PART I (CAA)

Shows the disassembly procedure for the Type B turbosupercharger, giving the step-by-step operations to be performed and the checks to be recorded during the process.

a 84 frames Handling charge, $.50

TURBOSUPERCHARGER, THE — DETAILS OF REPAIR: PART II (CAA)

Shows how to service and repair the turbosupercharger — that which is performed in the shop with the equipment out of the plane.

a 79 frames Handling charge, $.50

TURBOSUPERCHARGER, THE — ROTOR BALANCE: PART III (CAA)

Shows how rotor balance is obtained and checked.

a 68 frames Handling charge, $.50

TURBOSUPERCHARGER, THE — ASSEMBLY: PART IV (CAA)

Shows the step-by-step procedure in the assembly of the Type B turbosupercharger.

a 79 frames Handling charge, $.50

TURBOSUPERCHARGER, THE — INSPECTION AND MAINTENANCE: PART V (CAA)

Shows the operations to be performed in the interest of preventive maintenance on the Type B turbosupercharger — the "daily" or "preflight" type, performed on equipment in the plane.

a 74 frames Handling charge, $.50

TURBOSUPERCHARGER, THE — INSPECTION AND MAINTENANCE: PART I (CAA)

Shows daily and preflight inspection and maintenance of the turbosuperchargers installed in the B-29 airplane.

a 37 frames Handling charge, $.50

TURBOSUPERCHARGER, THE — INSPECTION AND MAINTENANCE: PART II (CAA)

Covers 25-hour inspection, 100-hour inspection, service, and maintenance.

a 57 frames Handling charge, $.50

TURBOSUPERCHARGER, THE — REMOVAL: PART I (CAA)

Describes the procedure necessary to remove the turbosuperchargers from the B-29 airplane in order to return them to the air depot for overhaul.

a 39 frames Handling charge, $.50

TURBOSUPERCHARGER, THE—INSTALLATION: PART II (CAA)

Outlines the procedure to be followed in installing the turbosuperchargers in the B-29 airplane after overhaul by the air depot.

a 55 frames Handling charge, $.50

TURTLES, THE (CUR, Color)

When two children find a box turtle and a wood terrapin, they examine them carefully for differences and similarities, noting protective coloration and use of their shells for defense.

p 29 frames $.50

UGLY DUCK (STIL, Color)

Includes 12 pictures and 12 titles illustrating the fairy tale.

p 24 frames $.50

UNCONSCIOUSNESS (CAA, Record)

Shows the first aid treatment for hysteria, fainting, heat exhaustion, heatstroke, or sunstroke, epilepsy, apoplexy, carbon-monoxide poisoning, drowning, and electric shock.

j-h-c-a 59 frames 13 minutes
Handling charge, $.50

U. S. REGIONAL GEOGRAPHY SERIES: THE APPALACHIAN HIGHLANDS (YA, Color)

Deals with the physical and human geography of the United States.

i-j-h 45 frames $.50

U. S. REGIONAL GEOGRAPHY SERIES: THE CENTRAL PLAINS (YA, Color)

Deals with the physical and human geography of the Central Plains Region.

i-j-h 45 frames $.50

U. S. REGIONAL GEOGRAPHY SERIES: THE GREAT LAKES (YA, Color)

Deals with the physical and human geography of the Great Lakes Region.

i-j-h 45 frames $.50

U. S. REGIONAL GEOGRAPHY SERIES: THE GREAT PLAINS (YA, Color)

Deals with the physical and human geography of the Great Plains Region.

i-j-h 45 frames $.50

U. S. REGIONAL GEOGRAPHY SERIES: THE GULF PLAINS (YA, Color)

Deals with the physical and human geography of the Gulf Plains Region.

i-j-h 45 frames $.50

U. S. REGIONAL GEOGRAPHY SERIES: THE NORTHEAST (YA, Color)

Deals with the physical and human geography of the northeast.

i-j-h 45 frames $.50

U. S. REGIONAL GEOGRAPHY SERIES: THE PACIFIC COAST STATES (YA, Color)

Deals with the physical and human geography of the Pacific Coast States.

i-j-h 45 frames $.50

U. S. REGIONAL GEOGRAPHY SERIES: THE PLATEAU STATES (YA, Color)

Deals with the physical and human geography of the Plateau States.

i-j-h 45 frames $.50

U. S. REGIONAL GEOGRAPHY SERIES: UNITED STATES: A REGIONAL OVERVIEW (YA, Color)

Deals with the physical and human geography of the United States.

i-j-h 45 frames $.50

USE AND CARE OF HAND TOOLS—PART I: VISES, SCREWDRIVERS, HAMMERS, PLIERS (CAA)

Depicts the different types of vises, screwdrivers, hammers, and pliers, and explains how to use and properly care for each type.

h-a 68 frames Handling charge, $.50

USES OF AIRCRAFT (CAA, Record)

Depicts many of the varied uses to which aircraft are being put, with emphasis on non-airline operations.

j-h-c-a 97 frames 19 minutes
Handling charge, $.50

USING AND UNDERSTANDING NUMBERS, GRADE ONE (SVE, Color)

Using and Understanding Numbers, 11-15
Using and Understanding Numbers, 16-20
Using and Understanding Numbers by 1's, 2's, 5's, 10's
Using and Understanding Addition
Using and Understanding Subtraction
Using and Understanding Simple Measures

Vivid original illustrations of everyday objects help children to develop basic number concepts and show their use in daily experiences.

p Approx. 20 frames ea. $.50 ea.

USING AND UNDERSTANDING NUMBERS—KINDERGARTEN AND GRADE ONE (SVE, Color)

Using and Understanding Numbers, 1-5
Using and Understanding Numbers, 5-9

Using and Understanding Numbers 9-12
Learning to Tell Time
Learning About and Using Pennies, Nickels, and Dimes

p Approx. 20 frames ea. $.50 ea.

USING YOUR PATTERN (YA)

Explains and demonstrates important skills in sewing.

j-h-e-a 37 frames $.50

VACUUM TUBES (CAA)

Describes the theory of operation of vacuum tubes and their function in the radio circuit.

h-c-a 37 frames Handling charge, $.50

VEGETABLES FOR THE CITY (CUR, Color)

Explains what a farmer must do to raise corn, potatoes, cabbages, stringbeans, etc. Covers all the fundamentals of plowing, harrowing, planting, cultivating, fertilizing, harvesting, with special emphasis on transplanting of young plants, as a less familiar operation.

p 24 frames $.50

VILLAGE, THE (CUR, Color)

Shows a typical early American village reconstructed on the grounds of the Farmers' Museum at Cooperstown, N.Y.

i-j 37 frames $.50

VISIT TO LONDON, A (BIS)

Pictures many famous London landmarks, such as the royal palaces, St. Paul's cathedral, the Tower of London, etc.

h-e-a 50 frames $.50

VISITING FRIENDS (CUR, Color)

Presents desirable social conduct and attitudes on the part of children in visiting friends.

p 27 frames $.50

VISITING GRANDMA (CUR, Color)

Three children visit Grandma's farm. Emphasizes being helpful in the household visited, and contrasts city life with the small farm on which Grandma lives and raises her own vegetables.

i 24 frames $.50

VISITING THE PONY FARM (EGH)

Bob and Ann visit Mr. Hadley's pony farm and have fun playing on an old stagecoach, riding ponies, and feeding the animals.

p 27 frames $.50

WALT DISNEY'S "THE LIVING DESERT" (EB, Color)

The Great American Desert
Mammals of the Desert
Plant Life in the Desert
Reptiles of the Desert
Small Creatures of the Desert
Survival in the Desert

A series of filmstrips based on the Walt Disney film "The Living Desert."

p-i-j-h Approx. 45 frames ea. $.50 ea.

WASHINGTON'S BIRTHDAY (YA, Color)

Explains the history and significance of the holiday and relates it to typical activities in observance of the day.

i-j 29 frames $.50

WATER COLORING (YA, Color)

Illustrates expression by children with water color paints. Encourages the child to paint his own ideas, using only his brush and colors.

p 31 frames $.50

WATER LIFE (JH, Color)

Life in Ponds, Lakes, and Streams
Small Fresh-Water Animals and Insects
Fresh-water Shellfish and Amphibians
Fresh-water Turtles and Fish
Keeping an Aquarium
Plants and Strange Animals of the Sea
Shellfish of the Seashore

Pictures the structure and habits of fresh-water and salt-water plants and animals, their relation to their environment and their importance to man.

i-j Approx. 60 frames ea. $.50 ea.

WATER TRANSPORTATION (CUR, Color)

Emphasis is placed on the means of power; man power and oars; steam power and paddle wheels and oil power and screw propellers.

p-i 27 frames $.50

WATER TRAVEL TODAY (PS)

Describes the variety of boats, both modern and primitive, in use throughout the world today.

i-j 42 frames $.50

WE ARE ALL BROTHERS (PAFC, Color)

Adapted from the pamphlet "The Races of Mankind," by Ruth Benedict and Gene Weltfish.

j-h-c-a 54 frames $.50

WE LEARN ABOUT WEATHER (PS, Color)

Correlated with the "How and Why" science books. Maps and charts show fundamental reasons for weather conditions.

i-j 50 frames $.50

WEATHER (CAA)

Explains the development of high-and-low-pressure areas, and cold fronts. Gives the measures to be taken by the pilot as he meets them.

j-h 77 frames Handling charge, $.50

WEATHER, THE (EB)

Shows how weather information is collected and interpreted. Explains solar radiation and its influence on the weather. Illustrates the polar front theory with a typical wave cyclone in the middle west.

j-h 81 frames $.50

WEATHER MAP SYMBOLS — NAVY QUIZ NO. 44 (CAA)

Illustrates four sets of 18 questions each on weather conditions and symbols.

j-h 87 frames Handling charge, $.50

WEAVING (YA, Color)

Illustrates a method of weaving hand bags or marble bags on a cardboard loom. Explains processes of stringing up warp and weaving. Relates problem to the child's needs and interests.

i-j 29 frames $.50

WESTERN WILD FLOWERS (SVE)

Flowers of the Western United States. Includes the California poppy, various lilies, lupine, violet, shooting star, wild ginger and others.

i-j-h 29 frames $.50

WHAT ARE YOUR PROBLEMS (SRA)

Presents common teen age problems and suggests solutions.

j-h-c-a 157 frames $.50

WHAT DO THEY MEAN TO US (CUR, Color)

Provokes questions to show us how dependent we are on transportation and how our trade with all the world brings us, at least in part, our food, clothing and shelter. In a similar way many of the means of communication are presented.

The earth is shown to be shrinking through man's conquest of distance.

p-i 27 frames $.50

WHAT HAS THE NURSERY SCHOOL TO OFFER (ASE)

Designed to help parents, teachers, administrators, students in teacher education and the public understand the program of the nursery school.

c-a 69 frames $.50

WHAT IS ACCOUNTING (McGH)

Correlated with the book "Accounting Fundamentals" by George Arthur MacFarland and Robert D. Ayers.

c-a 38 frames $.50

WHAT LIFE INSURANCE MEANS TO YOU (UI)

Produced by the Commerce Department of the University of Illinois.

j-h 30 frames $.50

WHEELS, ANIMALS AND MAN (PS)

The story of the origin of the wheel and its importance in the development of transportation.

i-j 48 frames $.50

WHOLESOME LIVING (BFS, Color)

Cartoons of home situations which are supposed to create habits of cleanliness in dress and eating habits, basic hygiene and good posture.

p-i 20 frames $.50

WHO'S BOSS (McGH)

The theme of competition in marriage is illustrated with a young couple, both of whom are successful in business.

c-a 36 frames $.50

WHY DOES IT RAIN, SNOW AND SLEET? (SVE)

Diagrams provide explanations.

i-j-h 51 frames $.50

WHY STUDY PHYSICS? (JH)

Shows the part physics plays in our daily life.

h 50 frames $.50

WILD ANIMALS (STIL, Color)

Includes elephants, lions, tigers, bears, etc.

p-i 32 frames $.50

WILD FLOWERS EVERYONE SHOULD KNOW (SVE, Color)

Flowers of the meadow and wood are pictured in field and close-up views. Intended as an aid in identification of wild flowers.

p-i 31 frames $.50

WILD WHITE HORSE (CUR, Color)

A great white stallion, leader of a band of wild horses, rescues a little pioneer girl who has wandered from her parents' covered wagon.

p 26 frames $.50

WILDLIFE CONSERVATION SET (SVE, Color)

What the Settlers Did to Wildlife
Problems of Wildlife Today
Aiding Wildlife of Field and Stream
Aiding Wildlife of Wood Lot and Forest

Emphasizes need for conservation and development of soil, wildlife, forests, and farm ponds. Demonstrates what should be done to stimulate development of conservation practices by students and adults.

i-j-h Approx. 55 frames ea. $.50 ea.

WINGS TO UNDERSTANDING (CAA, Record)

Tells the story of how a tenth grade core class at George Washington Junior High School in Pasadena found in aviation the seeds from which grew a better understanding of Latin America and the Good Neighbor Policy.

e 54 frames 13 minutes
Handling charge, $.50

WINTER DAYS (CUR, Color)

Daily life in a typical Eskimo village in the winter, showing hunting, fishing, amusements, occupations and other events of daily life.

p-i 26 frames $.50

WITH THIS RING (McGH)

Designed to help young people meet the problems of marriage.

j-h-e-a 30 frames $.50

WOLF IN SHEEPS CLOTHING (CUR, Color)

One of Aesop's famous fables retold for primary grade use.

p-i 25 frames $.50

WONDERLAND OF SCIENCE (EGH, Color)

The Wonder of Electricity
The Wonder of the Telegraph
The Wonder of Rubber
The Wonder of the Motion Picture
The Wonder of the Wireless
The Wonder of the Electric Light
The Wonder of the Steam Engine
The Wonder of the Telephone
The Wonder of the Phonograph

Reveals in clear and simple language the importance of science to our everyday life.

i Approx. 25 frames ea. $.50 ea.

WOODWORKING (CHAB)

Furniture Joinery
Making a Project with Hand Tools
Woodworking Machines
Safety "Know How" in the Woodshop

Four filmstrips describing in detail the making of furniture joints, use and care of both hand and machine tools and necessary safety precautions.

j-h-e Approx. 60 frames ea. $.50 ea.

WOODWORKING TOOLS AND MACHINES (JH)

Hand Tools — Hammers — Saws
Planes — Bits — Knives — Chisels —
Screwdrivers — Files
Tool Grinder
Drill Press
Jig Saw
Band Saw
Disk Sander
Belt Sander
Lathe: Parts — Spindle Turning
Lathe: Faceplate Turning — Other Operations
Planer
Jointer
Circular Saw: Parts — Installing a Blade
Circular Saw: Setting Up — Operating

Develops correct and safe techniques of using power equipment and hand tools in the woodworking shop.

h-e-a 50 to 95 frames ea. $.50 ea.

WOOL IN THE HOME (WBI)

Wool fabrics, diagrams of weaves, yarns, cloths; shrinkage and washing of wool fabrics; mothproofing and characteristics of wool.

i-j-h-e-a 36 frames $.50

WORDS: THEIR ORIGIN, USE AND SPELLING (SVE, Color)

Words Then and Now
Roots and Shoots
Times and People Change Words
Words and Your Work
The Right Word in the Right Place
Increase Your Stock of Words

Excites adolescents for acquiring sufficient stock of words. Indicates personal advantages of being able to speak and write effectively. Shows inescapable necessity of correct spelling for vocational success. Has workable "spelling guideposts."

i-j Approx. 45 frames ea. $.50 ea.

WORLD WE LIVE IN, THE (LI, Color)

Part I: The Earth Is Born
Part II: The Miracle of the Sea
Part III: The Fact of the Land

Presents unusual photographs of our physical and natural world.

i-j-h Approx. 50 frames ea. $.50 ea.

WRITING AND PRINTING IN AMERICA (MUF, Color)

This filmstrip tells in a dramatic way the story of what the written and printed word has meant to America. To lay the proper background for the American scene, the filmstrip presents a short history of the development of the recorded word.

j-h 40 frames $.50

YOU AND YOUR MENTAL ABILITIES (SVE)

Shows the relationship between mental abilities, interests, aptitudes and occupations.

j-h 57 frames $.50

YOUNG FARMER TRAINING IN VOCATIONAL AGRICULTURE (COLF, Color)

Some Farming Accomplishments of Young Farmers Through a Young Farmer Organization

Shows some outstanding farming accomplishments of young farmers who have received training in agriculture through Vocational Agriculture classes.

h-c-a Approx. 60 frames ea. $.50 ea.

YOUNG MODERN HOMEMAKER, THE (CHAB)

Your Job as Big Brother or Sister
You Can Make Pretty Clothes
What Do You Know About Food?
Making Your House Livable
Polish Up Your Personality

Provides practical suggestions on how to be popular and useful, tips on better grooming, and importance of eating nutritious food.

j-h Approx. 45 frames ea. $.50 ea.

YOUR CHILDREN AND YOU (SRA)

Covers weaning, toilet training, and preparation for arrival of a brother, or sister, temper tantrums, jealousy, and questions about sex, fear, and other common problems.

c-a 150 frames $.50

YOUR DICTIONARY AND HOW TO USE IT (SVE, Color)

You Can Find Words Easily
Make Alphabetizing Work for You
First You Find It: Then Define It
Who's Mispronouncing
The Vowel, Backbone of a Syllable
Words and Their Ways

Develops skills in quick location of words. Highlights opportunities for automatic use of alphabet.

i-j Approx. 30 frames ea. $.50 ea.

YOUR FUTURE IN THE METAL TRADES (SVE)

Machine-Shop Occupations
Auto-Mechanics Occupations
Foundry, Forging, and Heat-Treating Occupations
Welding Occupations
Aviation-Mechanics Occupations
Other Metalworking Occupations
Railroad-Shop Occupations
Woodworking Trades
Building Trades
Basic Electrical Trades
Radio, Television and Electrical Appliance Repairmen
Printing Trades
Teachers and Librarians
Doctors
Nurses
Engineers and Chemists
Home Economics
Lawyers, Social Workers, and Accountants
Dentists and Other Medical Occupations

Introduces different positions available in various occupations, required qualifications, advantages and disadvantages in these occupations.

j-h Approx. 50 frames ea. $.50 ea.

YOUR FUTURE IN THE WORLD OF WORK (SVE)

Exploring the World of Work, Part I
Exploring the World of Work, Part II
Exploring the World of Work, Part III
Selecting Your Life Work and Preparing for It, Part I
Selecting Your Life Work and Preparing for It, Part II
Getting a Job
Getting Ahead in Your Job

Shows methods of selecting a vocation and points to be considered.

h-c Approx. 50 frames ea. $.50 ea.

YOUR SAFETY BELT (CAA)

Stresses the importance of having the safety belt properly fastened; shows some of the reasons causing it to come loose; gives precautions to be observed in the use of the belt. Discusses Army, Navy, and commercial belts.

h-c-a 45 frames Handling charge, $.50

YOUR UNITED NATIONS (FH)

Working Together for Peace
Design for World Living
Pattern for World Prosperity
Better World Neighbors
World of Law and Order

Shows organization and workings of the United Nations.

j-h-c-a Approx. 50 frames ea. $.50 ea.

Listing of Producers and Depositors

A	Academy Films
AAA	American Automobile Association
AAER	Air Age Education Research
AAES	Alabama Agricultural Extension Service
AAF	Army Air Force
AAFC	American Air Filter Company, Inc.
AAO	Arabian American Oil Company
AAP	Allen & Allen Productions
AAR	Association of American Railroads
AASK	Association for Aid to Schools in Korea
AB	Arthur Barr Productions
ABA	American Bankers Association
ABC	American Baptist Convention
ABI	American Butter Institute
ABM	American Battle Monuments Commission
ABS	American Bible Society
AC	American Can Company
ACA	Aluminum Company of America
ACD	Allied Chemical & Dye Corporation
ACE	Association of Child Research
ACFC	Academic Film Company
ACIA	Associated Cooperage, Industries of America, Inc.
ACP	Asbestos-Cement Products, Assn.
ACS	American Cancer Society
ACY	American Cyanamid Company
AD	Adams, Ralph
ADA	American Dental Association
ADC	Allied 16mm Distributors Corporation
ADM	Admiral Pictures, Inc.
ADP	Avalon Daggett Production
AE	Aetna Life Affiliated Companies
AEL	Amelia Earhart Luggage Company
AF	Artists Films Inc.
AFA	Associated Film Artists
AFC	American Film Company
AFD	Arcade Film Distributors
AFF	A.F. Films, Inc.
AFH	American Friends of the Hebrew University
AFII	American Fund for Israel Instruction
AFP	American Forest Product Industries
AFR	American Film Registry
AFRF	Africa Films
AFT	American Foot Care Institute, Inc.
AG	American Gas
AGA	American Gas Association
AGC	American Guernsey Cattle Club
AGCA	Office of the Adjutant General, Public Information Office (California)
AGF	Army Ground Forces
AGR	Agra Films
AH	American Heart Association
AHA	American Humane Association
AHD	American Hot Dip Galvanizers' Association
AHO	American Hospital Association
AIFC	Audio Film Center
AIR	Air France
AIST	American Institute of Steel Construction, Inc.
AJC	American Jersey Cattle Club
AKI	American Kitchens Division Avco Mfg. Corp.
AL	Almanac Films
ALA	American Library Association
ALC	Allis-Chalmers
ALCOA	Aluminum Company of America
ALE	American Legion
ALEP	American Leprosy Missions, Inc.
ALM	American Laundry Machine Company
ALN	Alexark & Norsim, Inc.
ALR	Alloy Rods Company
ALSC	Allegheny Ludlum Steel Corporation
ALT	Audivision Language Teaching Service
AM	Aircraft-Marine Products, Incorporated
AMA	American Mutual Alliance
AMB	American Bottlers of Carbonated Beverages
AMF	American Film Center
AMFS	American Film Services, Inc.
AMH	Harold C. Ambrosch Film Productions
AMM	American Manufacturers Mutual Insurance Company
AMNH	American Museum of Natural History
AMP	Allen-Moore Productions, Inc.
AMPCO	Ampco Metal, Inc.
ANA	American Nurses' Association, Inc.
ANCA	American National Cattlemen's Association
ANIB	Australian News and Information Bureau
ANL	American and National Leagues of Professional Baseball Clubs
ANPA	American Newspaper Publishers Association
ANTI	Anti-Defamation League of B'nai Brith
AP	Audio Productions, Inc.
APC	Astor Pictures Corporation
APE	American Petroleum Institute
APF	American Plant Food Council, Inc.
API	American Potash Institute
APR	American President Lines
ARBO	Fred Arbogast & Company, Inc.
ARC	American Red Cross
ARCO	Armour & Company
ARCP	Archer Productions
ARF	Arcade Films

ARM	Armstrong Machine Works
AS	Alan Shilin Productions
ASB	American Society of Bakery Engineers
ASC	American School of Beauty Culture
ASF	Association Films, Inc.
ASH	American Social Hygiene Association, Inc.
ASM	American Society for Metals
AST	American Stock Yard Association
ASW	American Steel & Wire Company
ATB	Arthur T. Brice
ATF	American Type Founders, Inc.
ATH	Athena Films, Inc.
ATR	American Transit Association
ATT	American Telephone and Telegraph
AU	University of Arizona
AUMC	Audio-Master Corporation
AUS	Austin Productions
AUST	Austrian State Tourist Department
AUT	Automatic Transportation Company
AUVC	Audio-Visual Corporation Visual Education Service
AV	Avalon Daggett Productions
AVA	Audio-Visual Associates
AVAC	Audio-Visual Aids Company
AVC	American Viscose Corporation
AVF	Avis Films
B	Bray Studios
BAB	Babson Brothers
BALL	Ball State Teachers College
BAM	Burroughs Adding Machine Company
BAY	Baylor University, Department of Drama
BB	Ball Brothers Company
BBB	Bemis Brothers Bag Company
BBC	Brunswick-Balke-Collender Company
BCA	Boys' Clubs of America
BCR	Bureau of Communication Research, Inc.
BDC	Baby Development Clinic, Counseling Service
BEE	Beech Aircraft Corporation
BEF	Business Education Films
BEGF	Birds Eye Division, General Foods Corporation
BEL	Bellows Company
BER	Bermuda Trade Development Board
BF	Bates Fabrics, Inc.
BFC	Broadcasting and Film Commission, National Council of Christian Churches
BFD	Brown-Foreman Distillers Corporation
BFL	Bird Films Ltd.
BFS	Bailey Films, Inc.
BG	Barber-Greene Company
BGI	Better Gardens Institute
BGR	Billy Graham Evangelistic Association
BH	Bell & Howell
BHG	Better Homes and Gardens
BIA	Bicycle Institute of America, Inc.
BIS	British Information Services
BL	Bausch & Lomb Optical Company
BM	Bates Manufacturing Company
BMP	Barbre, Thomas J., Motion Picture Productions
BNG	Bengal Pictures
BO	Baltimore and Ohio Railroad
BOE	Boeing Airplane Company
BOT	Botany Mills, Inc.
BOU	Bouchard, Thomas, Productions
BPA	Bonneville Power Administration
BPL	Brooklyn Public Library
BRF	Brandon Films, Inc.
BRI	Brookings Institute
BRM	Bruck Mills Ltd.
BRYN	Bryn Mawr College
BS	Bailey Studios
BSA	Boy Scouts of America
BSC	Belgard Spers Company
BST	Bethlehem Steel Company
BSTC	Ball State Teachers College
BT	E. C. Brown Trust
BU	Paul Burnford Film Productions
BUF	Boston University Film Library
BUP	Burnwood Productions
BVI	Better Vision Institute, Inc.
BW	Babcock & Wilcox Company
BWAA	Bendix-Westinghouse Automotive Air Brake Company
BWB	Babcock & W-Barberton
BWM	Bike-Web Manufacturing Company
BY	Byron, Inc.
BYM	Byers Machine Company
C	Coronet
CA	Carborundum Company
CAA	Civil Aeronautics Administration
CAB	Cabot Carbon Company
CAC	Clemson Agricultural College
CAF	Carlin Films
CAID	Children's Aid Society
CAL	Calco Chemical Division, American Cyanamid Co.
CALL	Call Association, Inc.
CAP	Capron, Mildren
CAR	Cathedral Films
CAS	Casino Film Exchange, Inc.
CASE	J. I. Case Company
Castle	Castle Films
CAT	Caterpillar Tractor Company
CAV	Caravel Films
CBS	Continental Bus System
CBT	Godfrey L. Cabot, Inc.
CC	Calvin Company, Inc.
CCA	Consumers Cooperative Association
CCC	Cinema Craft Company
CCCA	Community Chests and Councils of America
CCF	California Commercial Film Company
CCH	Congregational Christian Churches

CCM	City College Midtown Business Center (New York)
CCP	Church-Craft Productions
CCUS	Chamber of Commerce of the United States
CDC	Citizens Development Committee
CE	Ceylon Embassy
CEC	Consolidated Edison Company
CELO	Celotex Corporation
CF	China Film
CFC	College Film Center
CFI	Carnival Films, Inc.
CFIC	The Colorado Fuel & Iron Corporation
CFL	Chicago Film Laboratory, Inc.
CFP	Campus Film Productions
CFPC	Christian Films Production Company
CFS	Capital Film Services
CGC	C. G. Conn Ltd.
CGL	Cargill, Inc.
CH	Christophers, Inc.
CHAB	Charles A. Bennett Company
CHC	Chrysler Corporation
CHP	Children's Productions
CHS	Church — Screen Productions
CHSC	Cleveland Hearing and Speech Center, Inc.
CHU	Frank B. Church Films
CI	Cereal Institute
CIN	Cinema 16, Inc.
CINB	Continental Illinois National Bank and Trust Company
CINS	Cinesound Company
CIO	Congress of Industrial Organizations
CIP	Cine-Pic
CIT	California Institute of Technology
CIV	Civic Films
CL	Clune Studios
CLK	Clark Equipment Company
CLUS	Co-operative League of the United States of America
CM	Classa-Mohme, Inc.
CMF	Christian Mission Films
CMH	Collins, Miller & Hutchings
CNR	Canadian National Railways
CO	Floyd W. Cocking
COB	C. O. Baptista Films
COF	Cornell Film Company
COFI	Contemporary Films, Inc.
COL	Color Reproduction Company
COLF	Colonial Films, Inc.
CON	Concordia Films
COO	Cooper, M. C.
COOP	Coopers, Inc.
COOR	Coors, Adolph, Company
COP	Cooperative Productions
COU	Courneya Productions
COX	William G. Cox Enterprises
CP	Commonwealth Pictures Corp.
CPP	Central Pictures Productions
CPR	Canadian Pacific Railway Company

CRA	California Redwood Association
CRC	Calumet Refining Company
CRF	Crawley Films
CRO	Christian Rural Overseas Program
CRV	Caravel Films, Inc.
CS	Carey Salt Company
CSC	California Spray-Chemical Corporation
CSH	Colorado State Highway Department
CSR	Cab Safety Research Bureau
CT	Chicago Tribune
CTD	Cleveland Twist Drill Company
CTF	Cited Films, Inc.
CTFL	Canadian Travel Film Libraries
CTL	Cine-Tele
CTP	Cinematravel Productions
CU	Columbia University Press
CUL	Culver Military Academy
CUR	Curriculum Filmstrips
CVE	Catholic Visual Education, Inc.
CW	Churchill-Wexler Film Productions
CWI	Colonial Williamsburg Films
CZP	Crown Zipper Film Library

D	Dartnell Corporation
DAC	DoAll Company
DAP	Detroit Automotive Products Corporation
DB	Daytona Beach Chamber of Commerce
DBC	Damrow Brothers Company
DC	Dairy Council of St. Louis
DCC	Dow Chemical Company
DCF	Dartmouth College Films
DCP	Delco Products
DDC	Denver Dairy Council
DE	May Deren
DEC	Detroit Edison Company
DEV	H. A. Devry Company
DFP	Duesing Film Productions
DG	Denoyer-Geppert Company
DI	Dimensions, Inc. (Films distributed by Brandon)
DIO	Danish Information Office
DL	Deluxe Laboratories
DLC	Dierks Lumber & Coal Company
DM	Donavin Miller Productions
DMC	Charles W. Doepke Manufacturing Company, Inc.
DO	E. T. Dooley
DPA	Douglas Fir Plywood Association
DPC	Dictaphone Corporation
DPP	Dowling, Pat, Pictures
DPR	Dearing Printing Company
DRC	Dravo Corporation
DGR	Denver and Rio Grande Western Railroad Company
DTE	The Davey Tree Expert Company
DTI	DeForest's Training, Inc.
DUP	E. I. DuPont de Nemours & Company
DVC	DeVilbiss Company
DYP	Dudley Pictures Corporation

EA	Electric Arc, Inc.
EAL	Eastern Air Lines, Inc.
EB	Encyclopaedia Britannica Films, Inc.
EC	Ethyl Corporation
ED	Thomas A. Edison, Inc.
EDI	Educational Devices, Inc.
EDO	Edo Corporation
EDP	Educational Projections, Inc.
EDU	Educator Films
EF	Educational Films
EFC	Elliott Film Company
EFLA	Educational Film Library Association
EGH	Eye Gate House
EK	Eastman Kodak Company
EL	Economics Laboratory, Inc.
ELJ	Eljer Company
ELY	Ely Chamber of Commerce
EMC	Evaporated Milk Company
EMP	Everlast Metal Products Corporation
ENG	Engel, Michael M., Associations
EP	Edited Pictures System, Inc.
EPC	Eastin Pictures Company
ERC	Evangelical and Reformed Church
ES	Educational Services
ESF	Educational Sound Films
ESO	Esso Standard Oil Company
ET	Eberle Tanning Company
ETC	Esso Training Center
ETV	Educational TV and Radio Center
EVF	Evangel Films

F	Frith Films
FAC	Film Associates of California
FAVD	Franco-American Audio-Visual Distribution Center, Inc.
FBIC	Farm Bureau Insurance Companies
FC	Firestone Company
FCA	Farm Credit Administration
FCE	Film Classic Exchange
FCI	Film Center, Inc.
FDI	Fir Door Institute
FF	Forum Films
FFC	Focus Films Company
FFF	Farm Film Foundation
FFI	Family Films, Inc.
FFM	Film Forum Foundation
FFO	Ford Foundation
FFX	Filmfax
FGS	Fellows Gear Shaper Company
FH	Filmstrip House
FHC	Farmhand Company
FHEF	Father Hubbard Educational Films
FHI	Forest Homes, Inc.
FI	Films, Inc.
FIA	Films International of America, Inc.
FICA	Film Council of America
FIN	Edward F. Finney Productions
FL	Fleetwood Films, Inc.
FLF	Forest Lawn Foundation
FMC	Ford Motor Company
FMS	Ferry-Morse Seed Company
FNS	First National Stores, Inc.
FO	Film Originals
FOC	Films of Commerce
FOF	Foster Films
FON	Films of Nations Distributors, Inc.
FOS	Foster Studios, Inc.
FOUF	Foundation Films Corporation
FP	Films Productions, Inc.
FPC	Fray Pictures Corporation
FPI	Film Publishers, Inc.
FPR	Federal Products Corporation
FPS	Film Program Services
FRA	Film Research Associates
FRF	French Films and Folklore
FRU	Fruehauf Trailer Company
FSC	Film Studios of Chicago
FSI	Filmsets, Inc.
FSL	Film Service Laboratory
FSP	Field & Stream Publishing Company
FSU	Florida State University
FTP	James A. Fitzpatrick's Travel Pictures
FWP	Folksways Corporation
FXS	Fox-Selig Productions

G	Walter Gutlohn
GA	Gateway Productions
GAE	Georgia Agricultural Extension
GAF	Garrison Films
GAM	Goodrich, Anne M.
GAN	William J. Ganz, Jr.
GB	George Borglum
GCI	Grinnel Company, Inc.
GD	Gaines Dog Research Center
GDC	Gardner-Denver Company
GDH	Guy D. Haselton
GDM	Gale Dorthea Mechanisms, Inc.
GE	General Electric Company
GEE	General Electric: Electronics Division
GES	Gessler
GF	Gallagher Films, Inc.
GFC	General Foods Corporation
GFL	Grace Films, Inc.
GGM	Gorton, George, Machine Company
GGP	Geographic Pictures Corporation
GHS	Greenwich High School
GJR	Gregory, John R.
GL	Greyhound Lines
GLN	Griffith, Lawrence
GLSC	Great Lakes Steel Corporation
GM	General Motors Corporation
GMF	General Mills Film Library
GMP	General Motors Corporation: Photographic Department
GNC	Greater National Capital Committee of the Washington Board of Trade
GPC	General Petroleum Corporation

GPH	P. H. Glatfeler Company
GPI	Gospel Films, Inc.
GPP	General Pictures Productions, Inc.
GPS	Geophoto Services
GRE	Gray, Ralph E.
GSC	General Sportcraft
GT	Graeff, Tom
GTF	Gothem Films
GTI	German Tourist Information Office
GS	Geophysical Service, Inc.
GSA	General Sportcraft Company, Ltd.
GU	University of Georgia
GUSA	Girl Scouts of the United States of America
GWC	Gruen Watch Company
GY	Goodyear Tire and Rubber Company, Inc.
GYA	Gypsum Association
GYP	Gryphon Productions
H	Harmon Foundation
HAL	Halligan, George
HAP	Hartley Productions
HAR	Harnischfeger Corporations
HC	Motion Picture Division, Harding College
HCA	Harold C. Ambrosch Film Productions
HCC	Hartford Council of Churches
HEB	Highway Education Board
HFC	Howard Foundry Company
HFE	Hollywood Film Enterprises, Inc.
HFL	Hadassah Film Library
HGF	Holy Ghost Fathers
HH	Handy & Harman, Craft Service Department
HHF	Housing and Home Finance Agency
HHP	Herman Hack Productions
HIFS	Handicraft Instructional Film Service
HJH	Heinz, H. J., Company
HK	Hill and Knowlton
HKS	Howard K. Smith
HL	Hawley-Lord, Inc.
HLI	Huntington Laboratories, Inc.
HNF	Handel Film Corporation
HNHA	Hawaii Natural History Association
HNP	Heidenkamp Nature Pictures
HOL	Holst, Kenneth L.
HOP	Hoffberg Productions, Inc.
HORC	Humble Oil & Refining Company
HOW	Howard, Frank Dr.
HP	Hammermill Paper Company
HPA	Hollywood-Panamerican Films
HPB	Hawaii Press Bureau
HPC	Hercules Powder Company
HPI	Health Publications Institute, Inc.
HS	Harris-Seybold Company
HSF	Hughes Sound Films
HSIA	Hebrew Sheltering and Immigrant Aid Society
HTM	Herkimer Tool & Model Works, Inc.
HU	Harvard University
HUNT	Hunt, E. P.
HUT	Hutcheson, M. A.
HUY	F. C. Huyck & Sons
HV	Handmacher-Vogel, Film Library
HY	Hy-Line Poultry Farms
I	Ideal Pictures Corporation
IBEW	International Brotherhood of Electrical Workers
IBI	Insulation Board Institute
IBMC	International Business Machines Corporation
IBPM	International Brotherhood of Paper Makers
IC	International Cellucotton Products Company
ICC	Interchemical Corporation
ICL	Illinois Central Library of Audio-Visual Aids
ICS	Institutional Cinema Service
ID	Institute of Design
IEC	Industrial Engineering College
IEM	International Educational Materials Corporation
IES	Illuminating Engineering Society
IF	Institutional Films
IFB	International Film Bureau
IFE	I.F.E. Releasing Corporation
IFF	International Film Foundation
IFI	Instructional Films, Inc.
IG	International Geographic Pictures
IH	International Harvester Film Library
IHSA	Illinois High School Association
IIAA	Institute of Inter-American Affairs
IIS	Government of India Information Services
ILG	Irish Linen Guild
ILGW	International Ladies Garment Workers' Union
ILI	Institute of Life Insurance
ILU	Indiana Limestone Institute
IMO	International Movie Producers Service
IMP	Impco, Inc.
INF	Information Classroom Pictures Publishers
ING	Ingber, Inc.
INHS	Illinois Natural History Survey
IOCC	Interstate Oil Compact Commission
IPI	Information Productions, Inc.
IREF	International Religious and Educational Films
IRRS	Insurance Research & Review Service
IS	Iowa State College
ISC	International 16 mm Corporation
ISDA	Idaho State Department of Aeronautics
ISL	Illinois State Library
ISMC	International Staple and Machine Company
ISNU	Illinois State Normal University
IU	Indiana University
IVT	Institute of Visual Training

JB	Bert Johnston Productions, Inc.
JBD	Joint Black Duck Committee
JEF	Jewish Educational Film Library
JEL	Jenkins, Lee
JH	The Jam Handy Organization
JHC	Junior High School Council, Inc.
JHM	John Hancock Mutual Life Insurance Company
JHP	Johnson Hunt Productions
JJ	Johnson & Johnson
JL	Jacobs, Lewis
JMC	Joy Manufacturing Company
JMS	Johns-Manville Sales Corporation
JT	Japan Travel Information Office

K	Kelvinator
KB	Knowledge Builders
KCL	King's College
KCY	Kroger Company
KDP	Kentucky Division of Publicity
KE	Katz, Elias
KES	Sister Elizabeth Kenny Foundation
KF	Kraft Foods
KFS	Knaus, Frank
KGC	Kimble Glass Company
KI	Kinesis, Inc.
KLM	K.L.M. Royal Dutch Airlines
KRC	Kendall Refining Company
KRUSE	Kruse, Charles C.
KS	Kansas State College
KSC	E. Kahn's Sons Company
KSP	Kansas State College (Department of Poultry Husbandry)
KST	Kaiser Steel Corporation
KU	University of Kansas
KVF	Kraft, Vernon, Film Productions
KWC	Walter Kidde & Company

L	Lane, Kent, Inc.
LA	Langley Corporation
LAHD	Los Angeles Harbor Department
LAR	Marjorie S. Larson
LB	Laidlaw Brothers, Inc.
LBC	Linton Brothers & Company
LCS	Lawrence Camera Shop, Inc.
LDC	State of Louisiana, Department of Commerce
LEC	Lincoln Electric Company
LED	Lederle
LF	Libra Film Distributors and Producers
LFI	Library Films, Inc.
LI	Life Magazine
LIT	Captain Vladimir S. Littauer
LIV	D. D. Livingston
LLL	Lutheran Laymen's League
LOC	Lion Oil Company
LOM	Loyal Order of Moose
LSD	Lexington School for the Deaf
LSPC	Louisiana Sweet Potato Commission
LTC	Lily-Tulip Cup Corporation
LTS	Learning Through Seeing Films
LUTZ	Brenton R. Lutz
LWF	Living Word Films
LWW	Longines-Wittnauer Watch Company

M	Mahnke, Carl F., Productions
MA	Montana Aeronautics Commission
MAC	MacGregor Company
MB	Maryknoll Bookshelf
MBI	Mogull Brothers, Inc
MC	Macalester College
MCE	Board of Missions & Church Extension of the Methodist Church
MCA	Memorial Cancer Center
MCC	Mallinckradt Chemical Company
McCR	McCrum, Dr. Thomas B.
MCGC	Michigan Consolidated Gas Company
McGH	McGraw-Hill Book Company
MCM	Mohawk Carpet Mills, Inc.
MCPC	Mid-Continent Petroleum Corporation
MCS	Mercer Country Schools, W. Va.
MDC	Michigan Department of Conservation
MDH	Michigan Department of Health
MDIC	Massachusetts Development and Industrial Commission
ME	Modern Equipment Company
MF	Medical Films, Inc.
MFA	MFA Mutual Insurance Company
MFC	Melville Film Corporation
MFS	Malleable Founders Society
MGHM	Mary Grey Hosiery Mills
MGM	Metro-Goldwyn Mayer
MGP	McMurry-Gold Productions
MH	Michigan Health Council
MHC	Massey-Harris Company
MIC	Micromatic Hone Corporation
MIF	Milk Industry Foundation
MITJ	Ministry of Industries and Trade of Japan
MK	MacKellar, Lillian
ML	Matson Lines
MLC	Mergenthaler Linotype Company
MLI	Metropolitan Life Insurance Company
MM	Marmion Military Academy
MMA	Museum of Modern Art Film Library
MMC	Meehanite Metal Corporation
MMO	Minneapolis-Moline Company
MO	Moulin & Associates
MOB	Moody Bible Institute
MOC	Monsanto Chemical Co.
MOF	Modern Film Corporation
MOFF	Moffilm
MOOR	Moore, Vivian
MORT	Morthole, E. L.
MOT	March of Time
MPA	Motion Picture Association
MPH	Methodist Publishing House
MPLC	Magnolia Pipe Line Corporation

MPO	MPO Productions, Inc.
MR	Milwaukee Road
MRM	Model Railroader Magazine
MRRC	Midwest Rubber Reclaiming Company
MS	Missionary Servants
MSA	Mt. San Antonio College
MSAC	Mine Safety Appliances Company
MSCS	Missouri State Conservation Commission
MSH	Melville Shoe Corporation
MSHC	Montana State Highway Commission
MSI	Museum of Science and Industry
MSP	Modern Sound Pictures, Inc.
MSTA	Missouri State Teachers Association
MTP	Modern Talking Picture Service, Inc.
MTX	Maltex Company
MUAA	Miami University Alumni Association
MUF	Museum Filmstrips
MUSA	Movies U.S.A., Inc.
MV	Mayo-Video
NA	Nu-Art Films, Inc
NAF	National Association of Food Chains
NAI	National Association of Ice Industries
NAM	National Association of Manufacturers
NAMC	National Association of Mutual Insurance Companies
NAMH	National Association for Mental Health
NAP	North American Philips Company, Inc.
NAW	National Adequate Wiring Bureau
NAWD	National Association of Waste Metal Dealers, Inc.
NBC	National Bowling Council
NBCA	National Basketball Coaches Association
NBFU	National Board of Fire Underwriters
NBP	National Bible Press
NCA	National Canners Association
NCB	North Carolina State Board of Health
NCC	National Carbon Company
NCCA	National Cotton Council of America
NCCJ	National College of Christians and Jews
NCDPI	North Carolina Department of Public Instruction
NCJ	National Conference of Christians and Jews, Inc.
NCL	National Committee for Labor Israel
NCSC	North Carolina State College
NDC	National Dairy Council
NEA	National Education Association
NECA	Near East College Association
NEE	New England Electric System
NEF	Narcotic Educational Foundation of America
NEM	National Electrical Manufacturers Association
NEP	National Electric Products Corporation
NESC	Newark Safety Council
NESP	Nester Productions
NF	National Federation of American Shipping, Inc.
NFBC	National Film Board of Canada
NFC	National Film Distributors
NFI	National Foundation for Infantile Paralysis
NHF	New Hampshire Fish & Game Department
NHP	New Haven Public Schools
NHU	National Highway Users Conference
NJBT	New Jersey Bell Telephone Company
NJCB	New Jersey State Commission for the Blind
NJZ	New Jersey Zinc Company
NKC	Nash-Kelvinator Corporation
NLF	New Life Films
NMC	Nashua Manufacturing Company
NMCM	National Music Camp, University of Michigan
NMH	National Mental Health Foundation
NMP	National Motion Pictures Company
NMT	New Mexico State Tourist Bureau
NNB	Northwest Nut Growers
NO	New Orleans Chamber of Commerce
NOAI	Northernaire
NOC	Norton Company
NP	Nationwide Pictures
NPC	National Probation & Parole Association
NPR	National Pacific Railway
NR	National Rifle Association
NRA	National Restaurant Association
NS	New York State Conservation Department
NSB	National Soybean Crop Improvement Council
NSC	National Safety Council
NSCA	New York State College of Agriculture
NSCC	National Society for Crippled Children and Adults
NSCP	New York State Commission Against Discrimination
NSPB	National Society for the Prevention of Blindness
NSS	National School Service Institute
NSW	Nelson Stud Welding
NTA	National Tuberculosis Association
NU	Nebraska University
NUL	National Urban League
NW	Northwestern University
NWLA	National Wild Life Association
NWR	Norfolk & Western Railway Company
NYC	New York Central Railroad
NYCF	New York State College of Forestry
NYCS	New York Central System
NYCBE	New York City, Board of Education
NYDH	New York State Department of Health
NYDN	New York Daily News
NYSYC	New York State Youth Commission
NYT	New York Times
NYU	New York University Film Library
NYZ	New York Zoological Society
NZNFU	New Zealand National Film Unit

O	Orleans, Samuel P., and Associate, Inc.
OF	Official Films, Inc.
OBTC	Ohio Bell Telephone Company
OC	Okonite Company
OCW	Oklahoma College for Women
ODE	Ohio Department of Education
ODMH	Ohio Division of Mental Hygiene
ODW	Ohio Division of Wildlife
OEAI	Outdoor Education Association, Inc.
OFD	Olympic Film Distributors
OGFD	Oklahoma Game and Fish Department
OIAA	Office of Inter-American Affairs
OIC	Ohio Industrial Commission
OIIC	Oil Industry Information Committee
OL	Oliver Corporation
OLC	Ohio Leather Company
OOC	Ohio Oil Company
OPC	Ortho Pharmaceutical Corporation
OSFS	Official Sports Film Service
OSG	Osgood, Bob
OSPR	Ohio State University — Public Relations
OSU	Ohio State University
OTT	John Ott Pictures, Inc.
OWI	Office of War Information

P	Paramount pictures
PAA	Pan American World Airways System
PAFC	Public Affairs Committee
PAV	Pan American Union
PB	Pocket Books
PBC	Peach Board of Control
PC	Pathescope Company
PCA	Portland Cement Association
PCM	Peters, Charles M.
PCMU	Philadelphia Commercial Museum
PDH	Pennsylvania Department of Health
PDS	Presbyterian Distribution Service
PE	Perry-Mansfield School of the Theatre and Dance
PF	Pictorial Films, Ins.
PFC	Princeton Film Center, Inc
PFI	Park Films
PFS	Pix Film Service
PGM	Pacific Garden Mission
PHBC	Pioneer Hi-Bred Corn Company
PHP	Paul Hoefler Productions
PHSP	Photo and Sound Productions
PK	P & K, Inc.
PLB	Paul L. Brand & Son
PM	Penn Mutual Life Insurance Company
PO	Post
POC	Polaroid Corporation
POP	Post Pictures Corporation
POR	Portafilms
PP	Puriton Pictures
PPC	Pittsburgh Plate Glass Company
PPCP	Preferred Pictures Corporation
PPCS	Progressive Pictures
PPCY	Philips Petroleum Company
PPP	Parker, Paul, Productions
PPRO	Pictosound Productions
PRA	Proprietary Association
PRDL	Puerto Rico Department of Labor
PROF	Park Films
PRGO	Puerto Rico Government Office
PRLC	Pilot Rock Lumber Company
PRP	Progressive Pictures
PS	Popular Science
PSC	Pennsylvania State College
PSCNI	Public Service Company of Northern Illinois
PSCPC	Pennsylvania State College — Psychological Cinema Register
PSGA	General Alumni Association of the Peddie School
PSM	Pennsylvania Salt Manufacturing Company
PTC	Plomb Tool Company
PTRC	Philadelphia Transportation Company
PUFL	Purdue University Film Library
PUV	Princeton University
PWP	Pennsylvania Water and Power Company

QC	Quincy Compressor Company
QP	Quebec Provincial Publicity Bureau

R	Riethof Productions, Inc.
RA	Ryan Aeronautical Company
RAC	Remington Arms Company, Inc.
RAY	Reid H. Ray Film Industries
RBM	Rubico Brush Manufacturers
RC	Rehm Corporation
RCI	Reichhold Chemicals, Inc.
REP	Regal Pictures
RFA	Religious Film Association
RH	Richard Hudnut
RI	Roses, Inc.
RIL	Rock Island Lines
RKO	RKO Radio Pictures, Inc.
RM	Rockwell Manufacturing Company
RMC	Reynolds Metals Company
RMP	Rarig Motion Picture Company
RO	Robbin
ROA	Roa's Films
ROG	T. N. Rogers Productions
ROS	Rosicrucian Order
ROT	Rothacker, Douglas D.
RP	Regancy Productions, Inc.
RPC	Republic Pictures Corporation
RPI	Rocket Pictures, Inc.
RPSL	Rolab Photo-Science Laboratories
RR	Remington Rand, Inc.
RSI	Research Survey, Inc.
RU	Rochester University
RUGH	Rugh, Roberts
RUSS	F. C. Russell Company
RVFP	Raritan Valley Farms Producers Association
RVP	Riviera Productions
RVST	Rust-Oleum Manufacturing Company, Inc.

S	Sinclair Refining Company
SAB	Society of American Bacteriologists
SAC	Scott Aviation Corporation
SAE	Sack Amusement Enterprises
SALR	Seaboard Air Line Railroad Company
SAM	Society for Advancement of Management
SAW	Sawyer, John T.
SBBC	South Bend Bait Company
SBC	Southern Baptist Convention
SBL	South Bend Lathe Works
SBNH	Savings Banks Association of New Hampshire
SBNY	Savings Banks Association of the State of New York
SBTC	Southern Bell Telephone Company
SC	Schult Corporation
SCA	Scandia Films
SCC	Superior Coach Corporation
SCF	Save the Children Federation, Inc.
SCG	Southern California Gas Company
SCH	Schantz, Edwin
SCNY	Seamen's Church Institute of New York
SCSD	Southern California State Dental Association
SCW	State College of Washington
SD	Sid Davis Productions
SDF	Social Documentary Films
SDPC	Square Deal Pictures Corporation
SEF	Seminar Films, Inc.
SEFP	Southern Educational Film Production Service
SER	Serra International
SF	Sterling Films, Inc.
SFC	Scientific Film Company
SFR	Santa Fe Railway
SG	Screen Gems, Inc.
SGC	Sperry Gyroscope Company
SH	Sherman, Al
SHPI	Southern Hardwood Producers, Inc.
SI	Sugar Information, Inc.
SIL	Silva, Inc.
SIS	Singer Sewing Machine Company
16mmP	16 Millimeter Pictures
SM	Simmel-Meservey, Inc.
SNET	Southern New England Telephone Company
SO	Disney Paul Solow
SOC	Shell Oil Company
SOU	Rev. Robert E. Southard
SP	Scripture Press
SPB	Spalding, A. G., & Brothers, Inc.
SPCA	Southern Pulpwood Conservation Association
SPEC	Spectrum Films
SPI	Skibo Productions, Inc.
SPII	Society of the Plastics Industry, Inc.
SPMIC	St. Paul-Mercury Indemnity Company
SPS	S. P. Sexauer & Son Seed Company
SPV	Sports Vision, Inc.
SQ	Squibb Company
SRA	Science Research Associates
SRCC	Simpex Religious Classics Company, Inc.
SRF	Sugar Research Foundation, Inc.
SRI	Stanford Research Institute
SS	Science Slides
SSA	Social Security Administration
SSB	Sportsmen's Service Bureau
SSC	O. M. Scott & Sons Company
SSF	Social Science Films
SSFR	St. Louis, San Francisco Railway Company
SSGD	Saginaw Steering Gear Division
SSI	Smith-Surey, Inc.
SSR	Social Science Research Council
SSS	Simonds Saw and Steel Company
ST	L. S. Starret Company
STG	Sturgis-Grant Productions, Inc.
STGA	Shade Tobacco Growers Agricultural Association
STI	Stout Institute
STIL	Stillfilm
STM	Stuart Mitchell
STO	Standard Oil Company
STDC	Standard Oil Company of California — Engineering Department
STON	Standard Oil Company of New Jersey
STW	Stowe-Woodward, Inc.
SU	Syracuse University
SUN	Sun Dial Films
SVE	Society For Visual Education
SVI	Shenandoah Valley, Inc.
SVOC	Socony-Vacuum Oil Company
SW	Swank Motion Pictures, Inc.
SWC	Swift & Company
SWI	Scott and Williams, Inc.
SY	Syndicated Films
T	Transfilm, Inc.
TABC	Teen Age Book Club
TAE	Teaching Aids Exchange, Inc.
TBFL	Tea Bureau, Film Library
TC	Teachers College, Columbia University
TCA	Tanners Council of America
TCC	Tulare County Chamber of Commerce
TEE	Texas Engineering Experiment Station
TEK	TEK Hughes Division of Johnson and Johnson
TEL	Teletran, Inc.
TEX	Texas Company
TFC	Teaching Film Custodians, Inc.
TFI	Trinity Films, Inc.
TFP	Taylor-Friedman Productions
TFPI	Therapeutic Film Productions, Inc.
TGNC	Texas Good Neighbor Commission
TH	Thermoid Company
THO	Tom Hotchkiss
TOM	Tompkins Films
TOW	Townmoter Corporation
TP	Tantamount Pictures

TRA	John Tracy Clinic
TRB	Timken Roller Bearing Company
TRK	Trindl-King
TSC	Thew Shovel Company
TSDH	Texas State Department of Health
TTV	Transatlantic TV Corporation
TU	Tulane University
TV	Thomas J. Valentino
TVA	Tennessee Valley Authority
TW	Trans-World Films
TWA	Transcontinental and Western Air Lines
TWUA	Textile Workers Union of America
TYA	Taft Youth and Adult Center
UAL	United Air Lines
UAW	UAW-CIO Film Division
UAWA	United Automobile Workers of America
UBCJ	United Brotherhood of Carpenters and Joiners of America
UC	University of California
UCH	University of Chicago
UCMS	United Christian Missionary Society
UCOL	University of Colorado
UDA	United Duroc Association
UDFU	United Defense Fund
UFC	United Fruit Company
UGC	United Gas Corporation
UI	University of Illinois
UIA	United Israel Appeal
UIO	University of Iowa
UJA	United Jewish Appeal
UK	University of Kansas
ULI	Underwriters' Laboratories, Inc.
ULS	United Lutheran Stewardship Office
UM	University of Minnesota
UMI	University of Michigan
UMIS	University of Mississippi
UNC	University of North Carolina
UND	Underwood Corporation
UNE	University of Nebraska
UNF	Unusual Films
UNFD	United Nations Film Division
UNFL	Union Films
UNH	University of New Hampshire
UNI	Unifilms, Inc.
UNSA	United States Army
UO	University of Oregon
UOK	University of Oklahoma
UPA	United Productions of America
UPE	University of Pennsylvania
UPRA	Union Pacific Railroad Company
USAF	United States Air Force
USBM	United States Bureau of Mines
USBTA	United States Bureau of Indian Affairs
USC	University of Southern California
USDA	United States Department of Agriculture
USDC	United States Department of Commerce
USDI	United States Department of Interior
USDS	United States Department of State
USFS	United States Forest Service
USI	United Specialists, Inc.
USN	United States Navy
USRC	United States Rubber Company
USSC	United States Signal Corps
UST	Union Stock Yard and Transit Company
USTB	United States Bureau of Reclamation Library
USTC	United States Coast Guard Headquarters
USTD	United States District Engineer — Bismark
USTE	United States Corps of Engineers — Kansas City
USTEL	United States Corps of Engineers — Little Rock
USTEN	United States Corps of Engineers — North Pacific
USTEO	United States Division Engineer — Omaha
USTEP	United States Division Engineer — Portland, Oregon
USTET	United States Corps of Engineers — Tulsa
USTEV	United States Engineers — Vicksburg
USTF	United States Federal Reserve Bank
USTFH	United States Field Hockey Association
USTFW	United States Fish & Wildlife Services
USTFS	United States Forest Service
USTG	United States Geological Survey
USTGA	United States Gypsum Association
USTM	United States Marine Corps
USTP	United States Public Health Service
USTPI	Utah State Department of Publicity and Industrial Development
USTS	United States Soil Conservation Service
USTSC	United States Steel Company
USTT	United States Treasury Department
USTV	United States Veterans Administration
URC	Utah State Road Commission
UT	University of Tennessee
UUH	Urbana, Illinois, University High School
UW	United World
UWA	University of Washington
UWI	University of Wisconsin
UWY	University of Wyoming
V	Venard Organization
VAI	Van Allyn Institute
VCD	Virginia Department of Conservation and Development
VDC	State of Vermont Development Commission
VF	Viking Films
VFW	Veterans of Foreign Wars National Home
VGF	Vocational Guidance Films
VI	Vermiculite Institute
VKB	Van de Kamp's Bakeries
VMC	Vermont Marble Company
VS	Visual Science
VSBE	Virginia State Board of Education

W	W. W. Witt
WAB	Wine Advisory Board
WAC	Wright Aeronautical Corporation
WAR	World Artists
WB	Warner Brothers
WBC	Wakefield Brass Company
WBI	Wool Bureau, Inc.
WC	Albert Woodley Company
WCC	World Council of Churches
WCL	Wichita City Library
WCLA	West Coast Lumbermen's Association
WCP	World in Color Productions
WCTU	National Woman's Christian Temperance Union
WDDC	Wisconsin Dells Chamber of Commerce
WDP	Walt Disney Productions
WE	Westinghouse Electric Corporation
WEB	Workers Education Bureau
WEC	Western Electric Company
WEU	Wesleyan University
WF	Wurtele Film Productions
WFA	World Film Associates, Inc.
WFFD	White Fathers Film Distribution Center
WFS	Wilner Films & Slides
WGJC	Welch Grape Juice Company, Inc.
WHF	World Horizon Films
WHI	John and James Whitney
WI	Westor Institute
WLF	Wild Life Films
WLFS	Raphael G. Wolff Studios
WMP	Warren's Motion Pictures
WN	World Neighbor Films
WNYC	WNYC Film Distribution
WOLF	George E. Wolf Pictures
WPA	Western Pine Association
WPC	Warner-Patterson Company
WPP	Wilding Picture Productions, Inc.
WPPC	Waverly Petroleum Products Company
WRC	Watts Regulator Company
WRU	Western Reserve University
WS	Washington State College
WSAC	Washington State Apple Commission
WSC	Warner & Swasey Company
WSI	Western Screen, Inc.
WTD	Wolverine Tube Division
WU	Wayne University
WUT	Western Union Telegraph Company
WVUL	West Virginia University Library
Y	Young, William E.
YA	Young America Films
YDV	Yale Divinity School
YEU	Yeshiva University
YF	Youth Films, Inc.
YIC	Yugoslav Information Center
YMCA	YMCA Films
YPC	Yosemite Park and Curry Company
YS	Emerson Yorke Studio
YUP	Yale University Press Film Service
YW	Yarnall-Waring Company
Z	Zonolite Company

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Smallpox

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Social Hygiene Progress
Controlling Pneumonia

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Appendicitis

Tuberculosis
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Silver Nitrate

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Birth of the Little Red School-House

Blazing the Westward Trail
Democracy Comes of Age

The Blue and the Gray
Democracy in Literature

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The Little Red School-House Grows Up

"Woodman, Spare That Tree!"
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Toward the Common Good
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Divide and Conquer
"Hate Thy Neighbor"

Hitler's Unpaid Helpers
A Nation Can Be Destroyed

Truth Will Keep Us Free
The 7th of December

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We Will Get What We Want

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Eternal Vigilance in the Courts

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The Capitol

The Flag
I Am an American

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Liberty Ship

State of the Union
Freedom Unlimited

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George Washington Carver
Al Smith

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Electronics in Transportation

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King of Clocks
Paper Invention That Worked

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The Atom — Challenge to Science
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A Review of the United Nations Organization

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Can the U.N.O. Protect Human Rights?

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Russia and the United States

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France — Our Ally in War and Peace

Life in China Today
Anglo-American Trade Relations

What World Trade Means to You
Report on the Children of Europe

Security Council Faces Its Task
American Prosperity and Foreign Trade

A Scientist Looks at Atomic Energy
Inside the Atom

Planning an International Trade Organization
They Burned the Books

Shall India Starve?
Famine Relief and Your Hope of Peace

International Commerce and the United Nations
World of the Air Age

Central Europe
Japan, an Arrested Power

Resources of Brazil and Argentina
Planning Neighborhoods

Trends in American Architecture
Principles of Modern Design

Curtain Rises on the Paris Peace Conference
Preserving Human Rights in the Peace

Contrasting Peace Conferences 1919 and 1946

STATE SPEECH FINALS (All 78 r.p.m)

Verse Speaking, 1948 — "Lincoln, the Man"
Comedy Reading, 1948 — "The Proposal"
Extempore Speaking, 1948 — "Control of Atomic Energy"
Oratorical Declamation, 1948
Original Oration, 1948 — "One America"
Serious Reading, 1948 — "Ethan Frome"
Comedy Reading, 1949 — "Old Fashioned Christmas"
Extempore Speaking, 1949 — "Can the U.N. Prevent War?"
Oratorical Declamation, 1949 — "While Rome Burns"
Original Oration, 1949 — "Redeal"
Serious Reading, 1949 — "When Anna Was Eight Years Old"
Verse Speaking, 1949 — "Three Pieces of Night Over the City"
Speech No. 1, 1950
Speech No. 2, 1950
Speech No. 3, 1950
Speech No. 4, 1950
Speech No. 5, 1950
Speech No. 6, 1950

ADVENTURES IN RESEARCH

The Birthday Microscope
The Blacksmith and the Magnet
The Cardiff Giant
The Dutch Janitor
The Fabulous Sculpture
Giant of Antiquity
The Girl Who Blushed Blue
The Glass Sandwich
The Kensington Stone
The Light That Failed
The Lost Chemical
The Lost Key
Man of Victory
The Missing Planets
Nicholas Le Blanc
On Silent Wings
The Perfect Clock
Pictures in the Sky
The Place Where Time Begins
The President and the Plow
The Prompt Comet
The Pump That Didn't
The Purple Vapor
Road to Glory
The Silver Dream
The Spirit of Fire
Supermen Wanted

The Tractor That Needs No Road
The Weaver and the Wasp
American Design
Citizen Tom Paine
Document A777
Freedom's People: Contributions to the Theater
"Guest Star": Sir Cedric Hardwicke
"Guest Star": Edward Arnold
Health for America: Shadow Over the House (Community Syphilis)
Health for America: This Is My Son (Congenital Syphilis)
In Which We Serve
Man Is a Giant: Story of Boulder Dam — Part I
Man Is a Giant: Story of Boulder Dam — Part II
Mother Earth
Man Without a Country

THE PEOPLE ACT

The People Act Throughout the Nation
A College Town Becomes a School of Practical Politics
A Racially Mixed Area Learns the Power of Teamwork
A City Unites to Reduce Mass Unemployment
Six Towns Begin to Work as a Team
Labor and Management Move from Conflict to Cooperation
Women Unite to Attack the Problem of Crime
Citizens Organize to Reform the Schools
Young People Organize and a Town Unites
Neighbors Organize to Remake a Farm in a Day
An Airbase and a Community Work Out Their Common Problems
A Community Acts to Meet the Needs of Older People
An Area Unites to Improve the Lot of Its Migrant Workers
Parents Organize to Help Mentally Retarded Children
Citizens of an Overcrowded Area Face Their Problems
A Community Confronts Alcoholism
Citizens Reorganize Their Juvenile Court System
A Community Provides New Life for the Handicapped
Displaced Persons Are Welcomed as New Americans
A Farm Community Receives a Visitor from India
Farm Families Organize to Create a Real Community
A Lumber Area Maps Out a New Future
Farmers Rebuild Land and Lives by Working Together
Mexican-Americans Integrate into the Life of Their City
Citizens Finance and Rebuild a Burned-Out School
Townspeople and Farmers Unite to Revive an Area

The above recordings in "The People Act" series are offered for sale as well as loan. Price is $24.05 for the entire set of 26 programs, $1.85 for each individual record.

THE PEOPLE ACT II

As the Children Go — Part I
As the Children Go — Part II
The City That Refused to Die — Part I
The City That Refused to Die — Part II
Cloth of Many Colors — Part I
Cloth of Many Colors — Part II
Crusade in Baltimore — Part I
Crusade in Baltimore — Part II
Home Is What They Made It — Part I
Home Is What They Made It — Part II
Miracle on the Mount — Part I
Miracle on the Mount — Part II
Our Partner, the Public — Part I
Our Partner, the Public — Part II
Partners in Velvet — Part I
Partners in Velvet — Part II
A Prairie Noel — Part I
A Prairie Noel — Part II
Red Clay and Teamwork — Part I
Red Clay and Teamwork — Part II
The Sun Shines Bright — Part I
The Sun Shines Bright — Part II
The Sylvania Story — Part I
The Sylvania Story — Part II
The Women Did It — Part I
The Women Did It — Part II

MISCELLANEOUS RECORDINGS

Radar Contact With the Moon
Radio-Free Europe Story
Report Card
Roots of Student Government
Dr. R. R. Williams: His Contribution to Mankind
The Song of the Growth of Democracy (Walt Whitman)
The State Department Speaks — Part I
The State Department Speaks — Part II
Tales of the Foreign Service: Elihu Root, Secretary of State — Part I
Tales of the Foreign Service: Elihu Root, Secretary of State — Part II
Tales of the Foreign Service: The Waiting Game — Part I
Tales of the Foreign Service: The Waiting Game — Part II
Thanksgiving '64
What Do They Really Think of Us?

ALBUM OF RECORDINGS (6 sides)

This Is Puerto Rico

ALBUMS OF RECORDINGS

Ways of Mankind I
Ways of Mankind II

Outstanding programs on understanding of other cultures, and understanding origins of aspects of our own.

Jeffersonian Heritage

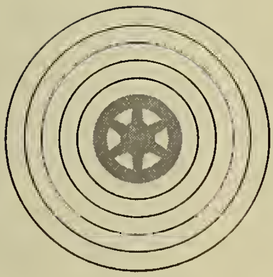
The great debt we owe to the life and thinking of Thomas Jefferson.

People Under Communism

A dispassionate, authentic, and fully documented account of life in the Soviet Union.

The above four albums, produced by the National Association of Educational Broadcasters, are among the finest of the NAEB program series. Service charges for each complete album are $4.00. Individual records at regular rates. These albums are offered for sale as well as loan. Sale price is $25.00. For complete information contact the Audio-Visual Aids Service.

Tapes for Teaching



Getting the Most from Your **TAPE RECORDER**

BY ARTHUR F. BYRNES

("The Instructor," Vol. 62, No. 5, Jan., 1953. P. 17 Reprinted by Permission)

"Does my voice really sound like that, Miss Drake?" The experience of hearing one's own voice objectively for the first time is received in various ways. Children are thrilled, surprised, disappointed, shocked, amazed; and most just can't believe it is their own voice that they are hearing.

RECORDING SOUND ON TAPE IS ONE OF THE NEWER TECHNICAL TOOLS THAT EDUCATORS ARE DISCOVERING IN THEIR SEARCH TO MAKE EXPERIENCES IN THE SCHOOL MORE REAL AND ALIVE.

It is wholesome to note that teachers are aware of their responsibilities to make learning situations as concrete as possible and are enterprising enough to include in their teaching materials the latest technical developments.

With the exception of television, recording sound on tape is the most talked-about aid to teachers in the field of education today. There are hundreds of locally produced tape recordings that are appropriate for teaching but that cannot be used because of a bottleneck in evaluation, organization, cataloguing, and distribution. With good co-operation among the professional societies, an excellent project in this direction could be accomplished.

THE REASON FOR THE SUCCESS OF RECORDING SOUND ON TAPE OVER OTHER METHODS OF RECORDING IS THAT IT IS SURPRISINGLY SIMPLE AND MUCH MORE LIFE-LIKE IN QUALITY. Recordings are inexpensive, adaptable, flexible, reusable, easily stored and duplicated, and non-breakable. The technique of making a tape recording can readily be learned by a primary-grade child.

Tape recording, as used in the schools today, has not even begun to probe the depths of its inherent possibilities. The uses of tape recording that are currently being made may be classified under the broad areas of CREATIVE, CORRECTIVE, and RECALL. Let's examine some of these uses.

PERHAPS THE MOST STIMULATING APPLICATION OF THE TAPE RECORDER IN THE ELEMENTARY SCHOOLS TO DATE HAS BEEN IN THE CREATIVE FIELD.

Teachers have added sound, individually tailored to their particular class needs, to silent filmstrips.

Scripts recorded on tape add objectiveness to opaque projection.

Original class plays, skits, programs, contests, and lessons recorded for either immediate playback, or radio consummation, add reality and incentive to school life.

Music, both choral and instrumental, group and solo, arranged or written locally and recorded on tape for future use, lends interest to classwork.

Sound on tape helps improve puppet performances. Developing a story from recorded sounds helps develop imagination and thinking.

With a little experiment children can get a variety of sound effects. Rice sprinkled on a tin pan will give the sound of hard rain. Paper crumbled close to the microphone will sound like thunder. Breathing heavily into the microphone with the volume turned high will simulate a strong wind, or even an explosion. With tape, effects can be tried over and over again until they are perfected, since erasing ineffectual efforts is an easy matter.

Speech therapists have been quick to realize the value of recording a subject's speech on tape for critical purposes. Stimulation for the normal child to improve his speech pronunciation, patterns, tone, and diction has been almost like magic when his voice is recorded and played back for him and his classmates to hear.

Normally, grammar is quite difficult to teach because of the problem of making it interesting enough so the pupils will want to learn. Listening to a pre-recorded radio talk that illustrates proper use of English and then contrasting this with a pupil's recording of the same material helps to provide motivation. This approach is positive, objective, and has been proved highly effective.

A similar method can be used in the field of music. With a pre-recorded tape the teacher can point out exactly the effect he desires. *Music teachers can record the performance of an individual or group and then accurately point out errors* in tone, pace, notes, rhythm, pitch, and scale.

When children have difficulty learning two-part music the tape recorder is of great assistance. The entire class records the melody on tape. They practice the second part alone and then sing it with the tape-recorded melody. Once two parts are learned, they can be recorded on tape and then a third part added. For a novelty program a talented child can imitate Patti Page and sing a duet with herself.

A novel, yet highly effective, method of learning made possible through recording sound on tape is found in the field of drama. Learning a character part is usually a tedious chore. Recording the play, omitting one character's lines while allowing enough blank space and time on the recording for the character to supply his part, speeds up the learning process and helps remove a soporific task from the performers and director.

Recalling titles, background, composer, and theme after a musical score has been played helps pupils appreciate music to a greater degree.

Interest in spelling can be increased by using the tape recorder to pronounce the words for the children to spell. Spelling contests lend themselves to application of the tape recorder.

In arithmetic a series of numbers can be recorded and then some numbers in the sequences omitted. These can be supplied by the individual or class.

One of the best techniques in the area of recall is being able to utilize radio programs after they have been broadcast. *It is a simple matter to record a program directly from the radio, store it, and use it when the recording best fits the needs of the class.*

The teacher does not have to be present when the recording is made. A clock can turn on the radio and recorder while a tuner controls the volume and tone. A library of recordings of useful radio programs can thus be developed. This gives educational radio a new dimension. No longer do administrative and scheduling difficulties hamper a teacher from using radio.

At the present time, twenty-one states have libraries of tape recordings for distribution to the schools within the state. *Almost all areas of the curriculum have recorded material available to help enrich the program of instruction.* There are tapes on art, English, social studies, science, storytelling, language arts, literature, arithmetic, physical education, and recreation. New titles are constantly being added. Some tape libraries have a slight service charge for duplicating the program on a school's tapes; others do it free of charge.

Two things are certain about tape recording. It makes education more meaningful, and it is bound to grow in its scope and its application in our schools.

INTRODUCTION

The tape titles are grouped by subject-matter headings, and at the beginning of each list we have attempted to suggest some possible uses for the titles, and to indicate the general nature of the tapes in the series.

Following are a few general instructions for ordering tapes. In general, we recommend the same mailing procedures as are followed with regard to our film shipments. In other words, parcel post is recommended for most instances. The Audio-Visual Aids Service will pay postage one way. Insuring each shipment is unnecessary. Mail service is usually excellent, and almost no shipments are lost. The ease of duplicating any lost tapes also minimizes the need for insurance.

We feel that the wide selection of tapes in the catalog will be sufficient to fit almost all of your needs. If you are interested in a subject, or a particular phase of a subject, for which you find no tape recording listed, please feel free to make inquiry to us about it. Your comments and suggestions will be welcome.

We wish to acknowledge our debt to the Minnesota State Department of Education, which has been extremely courteous and helpful in the establishment of this program.

This is a duplicating service, not a rental service. Tapes will be yours to keep permanently. Therefore, please note carefully information below about supplying blank tape, and notifying us of recording speed.

GENERAL INSTRUCTIONS

When sending for tapes, please include:

1. Code no. and letter.
2. Title of the recording.
3. Speed at which your equipment operates — if speed is not known send the make and model no. of the machine.
4. Send a blank tape the proper size or advise that you wish to secure tape from us.

We can record your program at 15″, 7½″, 3¾″, or 1⅞″ per sec. We must know the operating speed of your equipment to give you tape service.

CHARGES

We prefer that patrons furnish their own tapes, as this eliminates many problems attendant in storing a large supply of blanks. However, if you wish to secure tapes from us, we will send them to you with your programs recorded. The price will be the same as at retail outlets, and will be added to the regular recording charge.

Tape recording manufacturers have made the "A" wind, oxide on the inside, the standard wind. If your machine is different, please state this in your order for tapes.

The service charge is $.75 for each fifteen minutes of recording. This includes postage one way.

Address requests for information and service to:

School-Tape-Recording Unit
Audio-Visual Aids Service
Division of University Extension
University of Illinois
Champaign, Illinois

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JOURNEYS IN ART

These programs were prepared by the Minneapolis Institute of Art and broadcast over KUOM, University of Minnesota as the Journeys in Art series, a part of the Minnesota School of the Air. They have been recommended for grades 4-5-6.

All tapes are 15 minutes in length.

CODE	TITLE
A3	The Story of Lighting
A4	A Smorgasbord in Old Sweden
A5	An Elizabethan Manor House
A6	The Hour Glass and the Clock
A7	A French King's Picture Album
A8	A French Cartoonist Looks at Science
A9	A Day in Paris
A10	River Trip in Holland
A11	The Dutch Merchants Capture the China Trade
A12	A Medieval Voyage
A13	Old Masters and Apprentices
A14	The Gutenberg Bible
A15	Pistols in History
A16	Venetian Holiday
A17	Nero's Rome
A18	A Greek Goddess
A19	Nile River Journey
A20	The Story of Paper
A21	Persian Horses and Riders
A22	A Chinese Owl
A23	Buddha
A24	Chinese Poem to a Plum Tree
A25	A Pilgrimage in Japan
A26	A Visit to the South Seas
A27	Peruvian Parrots and Pots
A28	A Forbidden Mexican Dance
A29	The Discovery in Mimbres, New Mexico
A30	On a Minnesota Farm

This series is designed to develop a deeper cultural appreciation in school children through the examination of the outstanding work of famous artists and craftsmen. Written by Catherine Hanley, based upon the research work of Penny Egan.

A31	The Story of Old Ironsides
A32	A London Studio
A33	The Story of a Norwegian Tapestry
A34	Dinner for a Queen
A35	A Visit to a Country House in England
A36	Watermills and Windmills
A37	Pictures from a Super Market
A38	A Fair in Nurenberg
A39	A Medieval Church
A40	An 18th Century Party
A41	The Home of a Modern Master
A42	The Portrait Painter
A43	A Christmas Present
A44	A Wedding in Florence
A45	Monuments in History
A46	A Greek Helmet
A47	Explorers into the Past
A48	Black Hills Holiday
A49	A Trip on the Nile
A50	Palace of a Mighty King
A51	Persian Caravan
A52	A Persian Fairy Tale
A53	A Visit to Kashmir
A54	A Chinese Home
A55	A Chinese Water Buffalo
A56	A Japanese Pet
A57	Mid-April in '75
A58	A Man of the Andes
A59	Mexico Before Columbus
A60	Glassmaking in the Colonies
A61	A Buffalo Hunt on the Plains
A62	The Great Mesabi

VOCATIONAL AGRICULTURE AND ON-THE-FARM TRAINING

The materials listed below are available for teaching agriculture. These programs have been requested by teachers in the field for use in their classes. They have all been broadcast over KUOM, University of Minnesota or other radio stations, and are now available from the Audio-Visual Aids Service, University of Illinois.

All tapes are 15 minutes in length unless otherwise specified.

CODE	TITLE
AG1	Frontier-1949 (UR) — (Conservation of fertility of soil)
AG3	County Agent — Minnesota's No. 1 Troubleshooter (Day's typical assignment described)
AG4	The University and the Farmer's Wife (Describes work of the demonstration agents)
AG5	Gary Wegand's Interview of National FFA Officers — 30 minutes
AG11	The Poultry Situation
AG12	Spring Soil Conservation Practices
AG13	Care and Management of Baby Chicks
AG14	Lightning — Facts and Fancies
AG15	Planting Small Fruits
AG16	Spring Fire Hazards
AG19	Corn — Varieties and Culture
AG20	Sheep — Care and Management
AG21	Spraying Fruit Trees for Disease Control
AG22	Pastures and Animal Health
AG23	Summer Soil Conservation Practices
AG24	Factors Affecting Milk Flavor
AG25	Treating Wood for Use in Gardening
AG26	Bigger Returns from Hog Pastures
AG28	Control of Canada Thistle
AG29	Tips on Range Management
AG30	Value and Use of Farm Manure
AG31	Summer Dairy Problems
AG33	Our Breeding Flock of Sheep
AG34	Noxious Weeds and Their Control
AG35	Dairy Barn Ventilation — Why and How
AG36	Artificial Insemination
AG37	Problems in Painting Wood Structures
AG38	Dairy Cattle on Pasture
AG39	Distribution of Foundation Seedstocks
AG40	Care of Beef Cattle During Fly Time

AG41	High Quality Hay Can Take the Place of Other Grains in Cattle Feeding
AG42	Early Cut Hay Will Produce More Milk from Cows than Late Cut Hay
AG43	How Early Should Hay Be Cut?
AG44	How to Prevent Spoilage of Early Cut Hay Because of Weather
AG45	What Kind of Silo Should You Have for Hay Silage?
AG46	The Pasture Situation
AG47	Inheritance in Dairy Cattle I — What part does it play in economic dairy production?
AG48	Inheritance in Dairy Cattle II
AG49	Inheritance in Dairy Cattle III
AG50	Inheritance in Dairy Cattle IV — Color Inheritance
AG51	Inheritance in Dairy Cattle V — Udders and Milking
AG52	Inheritance in Dairy Cattle VI — Behavior Patterns of Cattle
AG53	Inheritance in Dairy Cattle VII — Experiments with Identical Twins
AG54	The Effect of Drouth and Cold on Corn and Pasture
AG55	Salvaging Corn Crops I
AG56	Salvaging Corn Crops II
AG57	Problems of Calving I — Introduction
AG58	Problems of Calving II — How to Feed Following Calves
AG59	Problems of Calving III — Milking Out Freshened Cows
AG60	Problems of Calving IV — Chief Causes for Death Among Calves
AG61	Problems of Calving V — Microbes in the Rumen
AG62	Problems of Calving VI — Cud Transfer
AG63	Problems of Calving VII — Pre-Milking
AG64	Ceilings on Dairy Production I — Statistics on Production Levels
AG65	Ceilings on Dairy Production II — Improper Milking A
AG66	Ceilings on Dairy Production III — Improper Milking B
AG67	Ceilings on Dairy Production IV — Disease
AG68	Dairy Herd Improvement Association Work
AG69	Feeder Cattle
AG70	Runny Nose Disease in Pigs
AG71	Selecting Boars and Rams
AG72	Dairy Problems
AG73	Soil Conservation
AG74	Looking Ahead in Agricultural Education
AG75	Turkey Diseases
AG76	Mastitis
AG77	Forestry in Korea
AG79	Your Agricultural Experiment Station
AG80	The Race 15 B Menace
AG81	The Ring Test Spots Brucellosis
AG82	Twins Give New Dairy Ideas
AG84	Faster Milking
AG85	Labor Saving in Barns
AG86	Prevent Anemia in Pigs
AG87	Soils Laboratory Findings
AG88	The Antibiotic Story
AG89	Fruits for Tomorrow
AG90	Pasture Studies with Beef Cattle
AG91	Fighting the Corn Borer
AG97	Hoof and Mouth Disease
AG98	Swine Breeding 1952 Style
AG99	Let's Get Personal — What Is the Value of the Human Life?
AG100	Recent Developments in Poultry Feeding and Management — Part I — 30 minutes Part II — 30 minutes
AG101	New Developments in Swine Production — 30 minutes
AG102	New Plan for Certified Seed Production in Minnesota — 30 minutes

TAPE RECORDINGS FOR ELDERLY PEOPLE

The following tapes are for work with the ever increasing number of older people. The programs, for and about aging people, cover many of their problems. The University of Michigan Extension Service conducted a research program concerning this group of our population. The following series, "Living in the Later Years," was the result of this fine work.

All tapes are 15 minutes in length.

CODE	TITLE
AGE 1	Recommended Reading for Older People
AGE 2	Older People Can Enjoy Sports
AGE 3	National Aspects of the Aging Problem
AGE 4	Psychological Aging
AGE 5	Successful Retirement
AGE 6	Nutritional Needs of Older People
AGE 7	Gardening for Older People
AGE 8	Books on Aging

CONSERVATION

FOLLOWING CONSERVATION TRAILS

GRADES 4 THROUGH 8

The mystery and magic of the Great Outdoors are brought into the classroom by our Wilderness Guide, Nat Hammond, who emphasizes man's careful use of our God-given natural resources. These programs are designed for upper elementary and Junior High use.

All tapes are 15 minutes in length.

CODE	TITLE
C13	The Living Earth — Importance of soil, water, vegetation, and wild life as the foundation of living
C14	From a Far Country — Tape story of Minnesota's upland game birds
C15	Class Seven Day — Re-forestation and fire prevention

C16 **Land Locked** — Conservation endeavors to have a balance of fish life
C17 **Unmarked Highways** — Ducks and geese along the flyway
C18 **Marsh Land Homes** — Winter homes of the fur bearers
C19 **Cradle of Rivers** — Following the Wilderness Trail in Itasca State Park
C20 **Lode Stone** — The iron mines of the Mesabi
C21 **Man Made Menace** — Cleaning Minnesota's polluted waters
C22 **As the Twig Is Bent** — Learning to appreciate our wild life friends
C23 **White Trails** — How wild life lives in the winter
C24 **Thunder 'ov Mesabi** — Minnesota's mineral wealth
C26 **Blizzard's Harvest** — Winter game cover and wild life survival
C27 **Bread for Tomorrow** — State tree farm program
C28 **Four-Footed Fury** — How nature maintains a balance
C29 **They Need Not Perish** — The living room for Minnesota's game birds
C30 **Dragon Seed** — Controlling White Pine blister rust
C31 **Brush Land** — The restoration of brush land areas and a visit to St. Croix State Park
C32 **Watershed** — Problem of maintaining ample water supplies
C33 **Smoke Chasers** — The work of Minnesota's forest fire prevention service
C34 **Genii of the Green World** — Stream improvement and its importance
C35 **From Pine Cone to Seedling** — Re-forestation and tree planting
C36 **Magic of the Underwater World** — How fish obtain their food and maintain a balance
C37 **With Pack Sack and Paddle** — Following a wilderness trail in the Quetico Superior Wilderness Area
C38 **Small Fry** — Keeping fishing good through good conservation practices
C39 **Cane Pole Harvest** — Fishing and recreation
C40 **Rainbow's End** — Conservation opportunities
C41 **Friends of the Land** — Working together to bring conservation to our land
C42 **Strangers in the Land**
C43 **Glacial Heritage**
C44 **The Dance of Death**
C45 **Trigger Happy**
C46 **Smoke Chasers**
C47 **Underground Treasure**
C48 **Stewards of the Wild**
C49 **Leaves from Nature's Story Book**
C50 **Harvest of the Wild Wind**
C51 **Conservation vs. Folly**
C52 **Browse Line**
C53 **Plowland Folly**
C54 **Sleeping Giant**
C55 **Stump Land**
C56 **Browse Land Harvest**
C57 **Bounty of the Timber Harvest**
C58 **Wings for Tomorrow**
C59 **Bounty of the Underwater World**
C60 **Cut Over Land**
C61 **Spawn of the Spring Floods**
C62 **Red Mineral of Might**
C63 **Flotsam**
C64 **Crows Nest**
C65 **Springtime Heralds**
C66 **Blazed Trails**
C67 **Fertile Waters**
C68 **Nature's Wonderland**
C69 **Roots in the Land**
C70 **Vacation Days Are Calling**
C71 **Magic of the Green World**
C72 **Old MacDonald's Folly**
C73 **On the Firing Line**
C74 **Ringnecks**
C75 **Marshland Bounty**
C76 **Mother Hubbard's Cupboard**
C77 **Unmarked Highway**
C78 **Plowland Magic**
C79 **Woodland Adventures**
C80 **Nature in the Balance**
C81 **Beneath the Snow of Winter**
C82 **Bounty of the Green Harvest**
C83 **Nature's Partners**
C84 **Forgotten Trails**
C85 **White Harvest**
C86 **From Iron Mine to Blast Furnace**
C87 **Stories Told by the Hills**
C88 **Sanctuary**
C89 **Fish Scale Legends**
C90 **Reincarnation of Paul Bunyan**
C91 **Wings O'er the Marshland**
C92 **Slashpile Menace**
C93 **Forgotten Acres**
C94 **Watershed**
C95 **Mineral Magic**
C96 **The Green Miracle**
C97 **Fisherman's Luck**
C98 **Horizons of Tomorrow**

EXPLORERS OF THE WILD

National Audubon Society

C99 **Bird Watching** — John Kieran, amateur naturalist, author of *An Introduction to Birds*
C100 **Vanishing Species** — Kenneth Morrison, editor of *Audubon Magazine*
C101 **Hibernation** — John Terres, managing editor of *Audubon Magazine*
C102 **How to Know the Birds** — Roger Tory Peterson, author of *Field Guide to the Birds*, artist, wildlife photographer

C103 **Animals at Night** — Howard Cleaves, wildlife photographer specializing in night photography

C104 **"Nature's Ways"** — Dr. Roy Chapman Andrews, explorer and author

C105 **Audubon as a Portrait** — Theodore Roussear, art critic, Metropolitan Museum of Art

C106 **Swamps and Marshes** — Stanley O. Grierson, naturalist, lecturer

C107 **Painting the Ivory Bills** — Don Eckelberry, artist and bird illustrator

C108 **Waterfowl Collection** — Dr. Dillon Ripley, associate curator, Peabody Museum, Yale University

C109 **Saving Our Natural Resources** — Richard Pough, coordinator of conservation for American Museum of Natural History

C110 **Learning to Know the Birds by Their Song** — Aretas Saunders, author of *Field Guide to Bird Songs*

C111 **What Audubon Junior Clubs Are Doing** — Dorothy Treat, director of Audubon Junior Clubs

C112 **Keeping America Green** (Upper Grades and Junior High) — Mike, a junior high boy, had a journalism assignment which called for a story on Conservation. He called on a ranger who told him about forest fire losses each year. Mike wrote an exciting story and felt he had contributed something toward keeping America green.

C113 **Mr. Tree** (Middle and Upper Grades) — Mr. Tree tells about his life in the forest and how he always wanted to go to the City for a new life. The story then goes on to tell about all the things that were made out of Mr. Tree, thus helping him realize his ambition.

C114 **Paper Making** — In the year 1719, a person observed that a wasp made a nest out of wood that he had chewed up himself. It gave that person the idea that pulverized wood might be used for paper. This story describes the present day treatment of wood to make paper.

CHILD DEVELOPMENT

The following discussions, which concern Child Growth and Development, have been prepared under the direction of the Parent Education Department, of the Institute of Child Welfare, University of Minnesota, with the cooperation of Station KUOM and the Minnesota Department of Education. Each discussion is available in two forms — a fifteen minute tape designed primarily for use by radio stations, and a thirty minute tape designed for use by Parent-Teacher Associations and other adult education groups. Both the short and the long tapes are also suitable for classroom units on child and family problems.

Cornell University contributed programs CD35-CD68. The material was prepared by Russell Smart, Professor of Child Development, Nita Albers, Department of Extension Teaching, and others.

CD1(15′) CD2(30′) **Discipline:** What is meant by discipline? What are some constructive ways to discipline? How does discipline affect children's behavior?

CD3(15′) CD4(30′) **Emotional Stability:** Are emotions desirable? How do emotions develop? How can emotions be controlled in children? In adults?

CD5(15′) CD6(30′) **Problems of Adolescence:** What is the pattern of adolescent growth? Why is emancipation necessary? Can adolescents be brought to take responsibility?

CD7(15′) CD8(30′) **Stories for Children:** What are the differences in story preferences at various age levels? What are the values of story telling? How can good stories be selected? Examples of effective story telling are included.

CD9(15′) CD10(30′) **Toys for Children:** What are helpful suggestions in the purchase of toys? What factors in toy construction should be considered? How does the development of the child affect his choice of toys? How can parents select toys wisely?

CD11(15′) CD12(30′) **Normal Development and Maturity:** What does "Normal" mean? How can we aid children to attain maturity?

CD13(15′) CD14(30′) **Heredity and Environment:** How do these factors work together in human development? What limits are imposed by heredity? How can stimulating environments be set up?

CD15(15′) CD16(30′) **Intelligence and Development:** How do children grow in intelligence? What do intelligence tests mean? What are the special problems of children who are below average and above average in intelligence?

CD17(15′) CD18(30′) **The Father's Role in the Family:** What is the father's role? How can he help his sons and daughters? How can the father participate more effectively in family life?

CD19(15′) CD20(30′) **Basic Habit Training:** How can feeding, sleep, and toilet training be made easier for the child and for the parents? How can the child be brought to good habits?

CD21(15′) CD22(30′) **Development of Responsibility:** What is meant by responsibility? How are good work habits and effective citizenship developed in children?

CD23(15′) CD24(30′) **Learning to Use Money:** What are the typical problems in a child's handling of money? How can he be taught the value of money? How is an allowance to be planned?

CD25(15′) CD26(30′) **Interests and Social Development:** How do interests change with age? How can social participation be encouraged? How can leadership be developed?

CD27(15′) CD28(30′) **Promoting Interest in School:** How can the parent help the young child to like school? What problems concerning interest in school arise in older children?

CD29(15′) CD30(30′) **Helping the Handicapped Child:** How may a handicapped child's emotional development differ from that of the typical child? How can the parent be of special help? What aids can be used and what is their function?

CD31(15′) CD32(30′) **Delinquency and Adjustment:** What are signs of pre-delinquency? What are some of the causes of delinquency? How may difficulties be met? How can badly adjusted children be helped?

CD33(15′) **Understanding Mental Deficiency:** How can standardized tests be used? What effect does inheritance have on mental deficiency? How does injury or disease affect mentality?

CD34(30′) **Home Discipline:** Dr. John Anderson, Institute of Child Welfare.

CD35(15′) **The Self-Demand Care for Infants:** Discussion of the self-demand type of care for infants.

CD36(9′) **Allowance for Youngsters:** Some things to consider in deciding how much allowance to give a child. What children learn from having money to spend.

CD37(9′) **Family Recreation:** Some of the whys and hows of doing things together as a family group.

CD38(10′) **Growing Up Is Serious Business:** Some of the ways in which adolescents and their parents can see the other's point of view.

CD39(11′) **A Place to Grow:** Some ways in which parents can help their children to arrive at self-discipline.

CD40(10′) **Decisions on Dating:** Problems facing adolescents and parents.

CD41(11′) **Age of Adventure:** Suggests some ways which may help parents to understand their pre-adolescent children.

CD42(10′) **Your Child in the Community:** Discusses the difficulty that may arise when youngsters take part in so many activities that they have little time for relaxation and no time to be with their families.

CD43(13′) **Toys Where They Belong:** Some things that parents can do.

CD44(9′) **Sex Education:** About sex play and masturbation.

CD45(10′) **Sex Education:** Preparation for adolescence, ways in which parents can help their children understand and accept the physical changes of adolescence.

CD46(11′) **Eating Out with Children:** An example of a mother and her two children ordering a meal in a restaurant. The second part of this talk points out why a good start was made on a pleasant meal.

CD47(9′) **Parents Have Homework, Too:** Some of the things that parents can do to further good home-school relationships.

CD48(11′) **Doctors, Dentists, and Children:** Some ways that parents can help their children accept medical treatments.

CD49(9′) **When Children Say "No":** Discusses some of the reasons for "negativism" in youngsters and some of the ways in which parents can shorten "the negative stage."

CD50(10′) **Children in Church:** Some things to think about in relation to children's attendance at church services.

CD51(12′) **When Children Ask Questions:** Some of the things parents can do when their children bombard them with questions that need answers.

CD52(16′) **But Mom — You're Old Fashioned.**

CD53(12′) **How Shall I Choose My Mate:** Points out, through discussion of an actual case, some general points to consider in choosing a mate.

CD54(11′) **Speaking of Bad Language:** Gives reasons why children and adolescents use bad language.

CD55(9′) **Pets in the House:** What kinds are suitable for different age levels, and the kinds of learning which pets can bring to children.

CD56(9′) **Children Need Freedom of Activity:** How parents can provide opportunities for children to run around and work off their great quantities of energy.

CD57(9′) **Happy Vacation:** Helpful suggestions on making school vacation less hectic for mothers and more fun for the children.

CD58(10′) **On Being at the Top of the Class:** Another way of looking at competition for school grades — de-emphasizing competition and stressing cooperation.

CD59(9′) **It's Human to Get Frightened:** Offers a better understanding of "fear" and how it affects our lives: amazingly enough, it's something we can't live without.

CD60(10′) **Backsliding to Babyhood:** Reasons why a child may revert to doing things you'd long since thought he'd outgrown.

CD61(11′) **Helping Your Child Act His Age:** Stresses the fact that children must grow at their own speed, and not be molded into miniature adults. Some of the problems of the different stages of growth are also discussed.

CD62(10′) **Children's Books:** Some guides for the selection of children's books with practical "how-to-go-about-its" to find the right book for niece, nephew, son, or daughter.

CD63(9′) **Housing and Personality:** Discusses some of the factors of housing that have a direct bearing on wholesome personality. The needs of children and older people are developed.

CD64(9′) **Paving the Way to the Hospital:** How parents can help slay the dragons of the unknown world . . . and prepare their youngsters for the first trip to the hospital.

CD65(10′) **Quarreling Children:** Discusses why brothers and sisters may be expected to have differences of opinion and suggests ways in which quarreling can be kept to a minimum.

CD66(30′) **Courtship and Marriage:** Analysis of some of the reasons why people marry, and an attempt to explain why some married people become disillusioned about each other. Suggestions to make every marriage improve through the years.

CD67(8′) **Stop - Look - and - Listen!:** Dramatized presentation of need for safety in the family medicine chest.

CD68(14′) **Christmas Belongs to the Child:** Dramatized presentation of ways of allowing children to take part in Christmas preparation.

CD69(15′) **Socio-Economic Influences upon Children's Learning:** Shows effects of different cultural levels on learning process.

CD70(15′) **Development of Healthy Personality:** Starts with a newborn baby, and goes through childhood in stages.

CD71(15′) **Children Who Rebel**

CD72(15′) **Contribution of the School to Healthy Personality**

CD73(15′) **Differences in Family Incomes and Their Effect in Later Life**

CD74(15′) **God, Children, and the Present World**

TAPE RECORDINGS FOR DRIVER TRAINING

Many schools are offering courses in driver training in an effort to cut down America's accident rate. We feel that our many tape programs on the subject of Driver Training will help in educating young drivers, and impressing upon each of them the great importance of safety.

This material should prove of value in safety units in science and social studies units in grades nine through twelve.

All tapes are 15 minutes in length.

CODE	TITLE
DT1	**Hazardous Driving**
DT2	**Drinking and Driving**
DT3	**Hit and Run Driver**
DT4	**The Driver and the Pedestrian**
DT5	**The Difference Between Knowing and Doing**
DT6	**Winter Driving**
DT7	**Speeding**
DT8	**School Bus Safety**
DT9	**The Cyclist and the Driver**
DT10	**Turning from the Proper Lane**
DT11	**Criminal Negligence**
DT12	**The Showoff**
DT13	**Unearned Rewards**
DT14	**Lights and Shadows**
DT15	**Good Samaritans of the Highway**
DT16	**Dead Right**
DT17	**The Pedestrian Has the Right-of-Way**
DT18	**Speed Spree**
DT19	**Prisoner 8558 Could Be You**
DT20	**Unhappy Holiday**
DT21	**The Golden Rule for Safety**
DT22	**Lightning Strikes Twice**
DT23	**False Alarm**
DT24	**Licensed to Kill**
DT25	**Mattie Gets Her Reward — Too Soon**
DT26	**Just One More Cocktail**
DT27	**Future Officer Buddy Taylor Gets His Man**
DT28	**The Green Light Means Caution**
DT29	**A Man Is Known by the Car He Keeps**
DT30	**Drivers Can Do More Than Doctors**
DT31	**Accent on Youth**
DT32	**A Vacation from Life**
DT33	**A Badge of Dishonor**
DT34	**Sometimes We Kill the Ones We Love**
DT35	**To Heaven by Accident**
DT36	**Care, Courtesy, Caution or Carelessness**
DT37	**Tom Gets a Promotion**
DT38	**A Little Horseplay with Horse Power**
DT39	**A Race with Death**
DT40	**A Killer Leaves a Calling Card**
DT41	**A Shroud for Francie**
DT42	**Last Horizon**
DT43	**Jimmy Gets a Bicycle**
DT44	**A Rendezvous with Sudden Death**
DT45	**Speed — The Demon of the Highway**
DT46	**Fire Chief Luke — Pedestrian Fatality**
DT47	**School Bus — Precious Cargo**

ENGLISH — SPEECH — DRAMA

A series of programs entitled "Old Tales and New" is designed for grades kindergarten through 3.

All tapes are 15 minutes in length.

CODE	TITLE
E1	**Monna the Merry-go-round Cow**
E2	**Elaine Who Couldn't Remember**

E3	Columbus' Collie
E4	Cuddles, the Camel
E5	The Mystery of the Missing Jewels
E6	The Misunderstood Cocker Spaniel
E7	The Horse Who Loved Music
E8	Pierre, the Remarkable Prairie Dog
E9	Jonathan's Thanksgiving
E10	The Story of the Slow-Coming Winter
E11	The Most Famous Tree in the World
E12	A Strange Occurrence in Toyland
E13	The Very Smallest Angel
E14	Kachoo!
E15	The Sleepless Bear
E16	Window Frosting
E17	A Small Tribute
E18	Stone Soup
E19	The Ugly Duckling
E20	Donald, the Disappointed Dachshund
E21	The Emperor's New Clothes
E22	Jack and the Bean Stalk
E23	The Nightingale
E24	How the Robin's Breast Turned Red
E25	How the Easter Lily Was Chosen
E26	The Bear Who Carried Away the Boy
E27	The Red Rose That Faded
E28	The Three Elephants' Vacation

These dramatizations are about animals, people, places and things with continued emphasis on holiday stories. Many of these programs are coordinated with the topics for "Let's Sing" to enable the teacher to integrate the use of both programs in her classroom. Starred stories are adaptations of familiar folk tales; the others are originals written for radio by Allis Rice and Betty Girling.

All tapes are 15 minutes in length.

PROGRAMS ABOUT ANIMALS

E89-B	Shy Anthony Aardvark
E90	A Yak at the County Fair
E91	Whitney, the Neighborly Whale
E92	The Three Billy Goats Gruff*
E93	The Wolf and Red Riding Hood*
E94	The Bats Who Were Besieged
E95	The Laughing Llama
E96	The Three Bears*
E97	Martha Mouse's Thanksgiving
E98	The Wistful Weasel

PROGRAMS ABOUT HOLIDAYS

E99	Stardust
E100	Tinsel
E101	The Lost Puppy
E160	Tiny Tree's Christmas
E161	The Special Day
E162	Very Smallest Angel's Christmas

PROGRAMS ABOUT PEOPLE

E102	The Sleeping Beauty*
E103	Number Twelve Jones
E104	The King and Queen of Hearts
E105	Washington Goes Visiting
E106	Prince Fairyfoot*

PROGRAMS ABOUT THINGS AND HAPPENINGS

E107	The Lonely Moon
E108	Robert, the Tired Rabbit
E109	Very Smallest Angel's Easter
E110	Lump's Easter
E111	The Brubney's and Spring
E112	Mother Nature's Vacation
E113	The Empty Basket
E114	The Case of the Stubborn Turnip

The following programs are originals written for radio by Allis Rice and Betty Girling, except those starred which are adaptations of familiar folk tales.

All tapes are 15 minutes in length.

A FAIRY TALE WORLD

E150	Cinderella*
E151	Snow White and Rose Red*
E152	A Disturbing Afternoon
E153	Z. T. Grubney and Fall
E154	Lonesome Sandman
E155	George Goblin
E156	It Happened on a Forest Path
E157	Beauty and the Beast*
E158	Rumpelstiltskin*
E159	The Chosen One — adopting a baby sister

MANY FRIENDLY ANIMALS

E163	Turnabout Zoo
E164	The Near-Sighted Groundhog
E165	The Most Unusual Teddy Bear
E166	The Snoopy Polar Bear
E167	A Puppy and His Best Friend
E168	McTavish, the Sheep Dog
E169	The Three Pigs*

FLOWERS, BUNNIES, AND VERY STRANGE HAPPENINGS

E170	The Most Unusual Daisy
E171	The Princess's Slipper
E172	An Easter Bonnet for a Bunny
E173	The Blue Easter Bunny
E174	The Tired Train
E175	Freddie, the Freight Elevator
E176	The Flying Flower

High School English Radio Dramatic Adaptations. Produced and released by the National Broadcasting Company.

All tapes are 30 minutes in length.

CODE	TITLE AND STAR
E29	**Cyrano de Bergerac** — Walter Hampden
E30	**The Barretts of Wimpole Street** — Rathbone-Straight
E31	**The Corn Is Green** — Jane Cowl
E32	**Dark Victory** — Celeste Holm, Walter Abel
E33	**On Borrowed Time** — Boris Karloff
E34	**Little Women** — Joan Caulfield
E35	**A Tale of Two Cities** — Brian Aherne
E36	**The Enchanted Cottage** — Gene Tierney
E37	**A Doll's House** — I. Bergman, Brian Aherne
E38	**The World We Make** — Jessica Tandy
E39	**The Devil and Daniel Webster** — Raymond Massey
E40	**Young Mr. Lincoln** — Henry Fonda
E41	**The Citadel** — Walter Pidgeon
E42	**The Farmer Takes a Wife** — Eddie Albert and Margo
E43	**Icebound** — Cornel Wilde
E44	**The Goose Hangs High** — Walter Abel
E45	**The Lady with a Lamp** — Madeline Carroll
E56	**You and I** — Peggy Wood and Otto Kruger

The following programs are some of the finest that have been on professional radio.

All tapes are 60 minutes in length.

E48	**The Taming of the Shrew**
E49	**Valley Forge**
E50	**Mary of Scotland**
E51	**Macbeth**
E52	**Romeo and Juliet**

E52 through E65 are from "The Great Adventure" series, produced and broadcast by the Radio Guild of Radio Station KUOM, University of Minnesota. Each program is a dramatic presentation of some phase of the life of each person mentioned, as it was portrayed in his autobiography.

All tapes are 15 minutes in length.

E53	**Autobiography of Cellini**
E54	**Diary of Samuel Pepys**
E55	**Memoirs of Cassanova**
E56	**Confessions of Rousseau**
E57	**Autobiography of Franklin**
E58	**David Crockett**
E59	**Lincoln Steffens**
E60	**Helen Keller**
E61	**Family Circle** — Skinner
E62	**A Roving Commission** — Churchill
E63	**This Is My Story** — Eleanor Roosevelt
E64	**Life with Father** — Day

This series "Out of My Life" is composed of informal essays and thoughts in the words of great writers, past and present. They explain an interesting point of view and illustrate various styles of expressing ideas in writing. They were prepared and broadcast over radio station KUOM as part of the University School of the Air, and are designed for senior high school, college, and adult listening.

All tapes are 15 minutes in length.

E66	Joseph Addison — **"Conservation"** from *The Spectator* of 1711.
E67	Charles Lamb — **"The Superannuated Man."**
E68	Samuel L. Clemens (Mark Twain) — **"Life on the Mississippi."**
E69	Samuel McCord Cruthers — **"Every Man's Natural Desire to Be Somebody Else."**
E70	William Allen White — **"Childhood Life in Kansas — 1870."**
E71	Frank Moore Colby — **"The Pursuit of Humor."**
E72	Logan P. Smith — **"Trivia."**
E73	Donald Culross Peattie — **"Almanac for Moderns."**
E74	William O. Douglas — **"The Naming of the Conquest of Mountains."**
E75	E. B. White — **"Writing"** writing from *One Man's Meat.*
E76	William Saroyan — **"The Summer of the Beautiful White Horse"** from *My Name Is Aran.*
E77	Sherwood Anderson — **"A Writer's Copy of Realism."**
E78	D. H. Lawrence — **"Morning in Mexico."**

"Words With Music" is a series of programs which gives a descriptive biography of the poets named and relates his work to the times in which he lived. These programs are recited by Paul Mathews and originated over station KUOM.

All tapes are 30 minutes in length.

E79	**The Poetry of William Shakespeare.**
E80	**The Poetry of William Wordsworth and his friend Samuel Taylor Coleridge.**
E81	**The Poetry of Francis Thompson.**
E82	**Poems by Shelley and Keats.**
E83	**The Works of Oscar Wilde and Charlotte Meaux.**
E84	**The Poetic Prose of Thomas Wolfe** (narrated by Otto Carl Storr).

The following dramatic productions were adapted and performed for radio by the University of Minnesota Radio Guild members.

All tapes are 60 minutes in length.

E85	**He Who Gets Slapped** — Leonid Andreyev — Russian melodrama showing the swift moving life of a circus.
E86	**The Cherry Orchard** — Anton Chekhov — Picture of the passing old order of Russian Aristocracy.
E87	**Camille** — Alexandre Dumas — The story of Marguerite Geutier, clever, fashionable, and from sophisticated Parisian society, but who has never known real love.

E88 **The Dream Play** — August Strindberg — An imaginative romance expressing the author's conception of life as a waking dream.

E89A **Othello** — William Shakespeare — One of the four great tragedies written in Shakespeare's period of despair.

The following series of twenty-six programs were prepared at Indiana University under the direction of George W. Johnson for the "Indiana School of the Sky." They are designed for classroom use in upper elementary and junior high school classes (grades 5-9). Each one is based upon a well known library classic. They should be well suited for stimulating reading on the part of the young pupil.

All tapes are 15 minutes in length.

E115 **Introduction: Where the Roads Lead** — the roads of adventure into the world of books are many; they lead to everywhere.

E116 **Treasures of the Earth** — the story of men who sought "Black Gold."

E117 **The Sky at Night** — the story of Edmund Halley, the English astronomer.

E118 **Buried Cities** — the result of the terrible eruption of the volcano Vesuvius.

E119 **American Strong Men** — "Mike Fink, the King of the Keelboatmen."

E120 **Norse Heroes** — Lief the Lucky.

E121 **Greek Heroes** — Odysseus' ten years of wandering.

E122 **Modern Whimsey** — the amusing story of a young maple tree.

E123 **Hot Lands** — Shim is an Arab boy who lives in the distant deserts of Persia.

E124 **The White Continent** — the diary of Captain Robert Scott.

E125 **The Other Americas** — Pita's pig was painted yellow with pink roses on his back.

E126 **Cats and Dogs** — a prize winning pupil story from Indiana.

E127 **European Lands** — Heidi, the little Swiss mountain girl.

E128 **Explorers** — ship boy with Columbus.

E129 **Discoverers** — William Morton brought comfort and relief from pain to the bedside of suffering patients.

E130 **Servants of the People** — Ernie Pyle, war correspondent.

E131 **Trail Blazers** — the Oregon Trail.

E132 **Cowboys** — Tex and Ross Salem try their luck in the Great Western Gold Rush of 1849.

E133 **Horses** — Ringling Brothers "The Greatest Show on Earth."

E134 **Wild Animals** — "Africa" and "The Johnson Family."

E135 **Family Life** — the story of a family in Fairbanks, Alaska.

E136 **Workers** — this is the story of the Johnsons — a Negro family living near Memphis, Tennessee.

E137 **Mountains** — men risk their lives climbing mountains.

E138 **The Northwoods — Timber!!** — the cry of the lumbermen.

E139 **Old Man River** — two small boys build a raft.

SHAKESPEAREAN SERIES

This series has been prepared for general listening by radio station WUOM, University of Michigan, and has been made available to Illinois schools through the courtesy of that institution.

All tapes are 30 minutes in length.

SHAKESPEARE AT WORK

E140 **Introduction to Shakespeare.** Introduces the material which is to follow in the remaining programs by pointing up some of Shakespeare's outstanding contributions to literature.

E141 **The Shakespearean Plot.** Discusses the three parts of a play — the beginning, the middle and the end — and illustrates these parts from Romeo and Juliet.

E142 **The Shakespearean Character.** Illustrates how a writer gets across to his audience the character of his actors. Antony and Cleopatra provide the illustrations.

E143 **Diction and Speech.** Discusses techniques and methods employed by Shakespeare to provide the best kind of speech for every occasion, high and low, plain and elaborate, description, argument, oratory, meditation. Emphasis is on his sheer command of words.

E144 **How Shakespeare Uses Words.** By drawing illustrations from Julius Caesar this program considers how Shakespeare, by use of words, makes his characters, and us, do what he wants.

E145 **The Shakespearean Atmosphere.** Discusses and illustrates from several plays various kinds of atmosphere such as romance, kinds of weather, horror, and pathos as portrayed by Shakespeare.

E146 **Continuation of the Atmosphere Theme.** Illustrations for this program are drawn from the Tragedy of Macbeth with its horror and terror.

E147 **The Shakespearean Comedy.** Illustrates the many subtle ways by means of which Shakespeare introduced comedy into his plays.

FUN WITH SPEECH

This series, E178 to E192, was produced by South Dakota School of the Air, Directed by Miss Allis Rice, and broadcast over radio station KUSD. It was planned in an effort to provide training in the field of speech to the children of kindergarten through the fourth grade. It requires the full cooperation of the teacher. Teacher's Manuals for this series are highly recommended. They may be secured for 15 cents a copy, by writing to Allis Rice, Director, South Dakota School of the Air, Vermillion.

"The importance of speech can not be minimized. It is a means by which we adjust to society, and an important factor in determining our educational achievements, our economic status, and our value as a citizen. Speech lessons should be pleasant with the feeling of fun being predominant."

Kindergarten through fourth grade.

All tapes are 15 minutes in length.

E178 **"Let's Get Acquainted"** Speech is an essential need in our society. The organs of our body made for eating, breathing and protection have taken on the added duties of providing us with speech. These must be trained to carry on this added duty efficiently.
E179 **"The Tired Old Man"** The study of the production of the sound 'h.'
E180 **"The Motor Boat"** The study of the production of the sound 'p.'
E181 **"Play Boo"** The study of the production of the sound 'b.'
E182 **"The Humming Top"** The study of the production of the sound 'm.'
E183 **"The Car That Wouldn't Go"** The study of the production of the sound 'w.'
E184 **"Ten Little Candles"** The study of the production of the sound 'wh.'
E185 **"The Mad Cat"** The study of the production of the sound 'f.'
E186 **"The Big Fly"** The study of the production of the sound 'v.'
E187 **"The Old Gray Goose"** The study of the production of the sound 'th.' This is the breathed form of the 'th.'
E188 **"The Clock"** The study of the production of the sound 't.'
E189 **"The Woodpecker"** The study of the production of the sound 'd.'
E190 **"The Naughty Mosquito"** The study of the production of the sound 'd.'
E191 **"The Carnival of Fun"** A review of the sounds studied in the previous lessons.
E192 **"Surprise Program"**

BOOK CHATS WITH FAMOUS AUTHORS

These programs are interviews conducted by Audrey June Booth of the staff of KUOM, Radio Station, University of Minnesota. The authors comment on many interesting people and incidents connected with the writing of the book listed. Good material for high school English and Journalism classes.

E193 Betty Smith, **Tomorrow Will Be Better** (author of *A Tree Grows in Brooklyn*)
E194 Robert Penn Warren, **World Enough and Time** (*All the King's Men*)
E195 Dr. Ancel Keys, **The Biology of Human Starvation**
E196 Mrs. John Wilson, **Minnetonka Story**
E197 Colonel Harry Snyder, **Snyder's Book of Big Game Hunting**
E198 Arthur Mizener, **The Far Side of Paradise** (a biography of F. Scott Fitzgerald)
E199 Vera Kelsey, **Red River Runs North,** (a history of the Red River Valley region)
E200 James Gray, **The University of Minnesota,** (a history of the U of M)
E201 Same as above (continuation)
E202 Dr. Herbert Graf, **Opera for the People** (stage director of Metropolitan Opera Company)
E203 Maud Hart Lovelace, **The Trees Kneel at Christmas** (author of Early Candlelight)
E204 Carolyn Gordon, **The Strange Children**
E205 James Farrell (best known for Studs Lonnigan Trilogy)
E206 Allen Tate, poet and literary critic, professor of English at U of Minnesota
E207 Mark Harris, **City of Discontent,** Fictionalized biography of the poet, Vachel Lindsay.
E208 Bill Martin, Children's Author.
E209 Norman Cousins, editor of the *Saturday Review.*
E210 Bennet Cerf, **Humorous President and Random House**

The following programs consist of a series of interviews on book publications which should be of special interest to journalism students.

E211 Interview with Paul Hillestad, director and editor of Webb Publishing Company, St. Paul
E212 Interview with Helen Clapesattle, editor at the University of Minnesota Press
E213 Interview with Jane McCarty, production manager of the University of Minnesota Press
E214 Interview with Jo Byrne, sales and promotion, Webb Publishing Company, St. Paul
E215 Interview with Walter J. Wilwerding, artist-illustrator
E216 Interview with Robert W. Smith, Minneapolis Star-Tribune reviewer
E217 Interview with Mrs. Alice Carlson, Manager, book department at Powers

FRENCH IN SLOW MOTION

A native Frenchman pronounces words, phrases and short sentences combined to present everyday situations and at the same time brings out the basic sounds of French. The English is given once, the French twice. These lessons for beginning students are graded for vocabulary and grammar, and are self-explanatory.

Prepared by Assistant Professor Guy Desgranges, Department of Romance Languages, University of Minnesota, and Assistant Professor Herbert Willging, St. Thomas College.

All tapes are 14 minutes in length.

CODE	TITLE
FLF1	**Vowels, Accents, Silent Consonants**
FLF2	**OU, ON, AI, Liaison**
FLF4 FLF5	**AU, EU, and review**
FLF6	**IN, IEN**
FLF7	**UN**
FLF8	**ILL, -IL, numbers**
FLF9	**GN, OIN**
FLF10	**GUE, GUI, numbers**

GERMAN

The twenty programs listed below are designed for use in conversational German teaching by Curt Lehman, language teacher at South St. Paul High School. They are for use in beginning and second year German classes.

All tapes are 30 minutes in length.

CODE	TITLE
FLG1	**German Pronunciation**
FLG2	**Der Wolf Und Der Fuchs**
FLG3	**Der Hase Und Der Fuchs**
FLG4	**Der Alte Wolf**
FLG5	**Drei Kurze Geschichten**
FLG6	**Das Schlaraffenland**
FLG7	**Das Ceschenk**
FLG8	**Der Kleine Vogel**
FLG9	**Des Esels Schatten**
FLG10	**Till Eulenspiegel, Erster Teil**
FLG11	**Till Eulenspiegel, Zweiter Teil**
FLG12	**Baron Von Muenchhausen, Erster Teil**
FLG13	**Baron Von Muenchhausen, Zweiter Teil**
FLG14	**Die Bremer Stadtmusikanten**
FLG15	**Sechs Kommen Durch Die Ganze Welt**
FLG16	**Hans Und Gretchen**
FLG17	**Dornroeschen**
FLG18	**Das Tapfere Schneiderlein**
FLG19	**Deutsche Volkslieder**

LATIN

These programs have been prepared by N. J. DeWitt, William McDonald, and Donald C. Swanson, of the Department of Classical Languages of the University of Minnesota.

FLL1 to FLL3 are presented on a fairly advanced level, but FLL3 should be useful in an alert 9th grade class.

All tapes are 14 minutes in length.

CODE	TITLE
FLL1	**"How Words Work"** The "Contrastive" approach to English and Latin linguistics; a comparison of the methods which the two languages use to express meaning.
FLL2	**"How Words Change"** The "Diachronic" approach to English and Latin linguistics, showing how time causes change in languages.
FLL3	**"How Caesar Spoke"** A discussion of the pronunciation of Latin in the first century B.C.
FLL5	**"Cicero Against Catiline"** An exciting dramatization of Cicero's First Speech Against Catiline, produced with professional studio facilities (sound effects, musical "bridges"). An American boy falls to sleep in study period and is taken back by a Roman narrator through the Roman Forum; he hears the excited crowd, "sees" the consul march by with his armed guard, climbs the stairway to the temple of Jupitor Stator and hears Cicero (portrayed by an experienced actor) launch his famous attack against Catiline (in Latin). About 9 minutes of English narration, followed by about 5 minutes of Cicero's speech "faded" out to the solemn conclusion where Cicero prays to Jupiter. The speech is accompanied by occasional comments in English from the narrator to clarify the trend of argument. Designed to go with the study of Cicero but valuable in any Latin class for dramatic effect.

"Quis Sum" Series Little stories in simple Latin, progressively advanced from the third or fourth week of beginning Latin. The hearer is supposed to guess the identity of the subject. FLL7 and FLL8 are entirely in simple Latin. FLL9 through FLL11 are more advanced, with vocabulary help and comments in English.

FLL7	Little Boy Blue, the Little Red Hen
FLL8	Christopher Columbus, Peter Rabbit, George Washington
FLL9	Abraham Lincoln
FLL10	Snow White and the Seven Dwarfs
FLL11	Julius Caesar

"Latine Loquimur" Series A series of dialogues in Latin (interspersed with English), graded for increasing audio-ability. They center around Marcus, a foreign visitor to an American school, who prefers to talk Latin because his English is weak. Marcus' difficulties with English and his protestations that Latin is simpler, point a moral. New Latin words and idioms are made clear by association or parallel English statements. Greetings and conversational idioms are used throughout the series. All less than 15 minutes.

FLL12	General conversation about things in the classroom. Dialogue accompanied by a third voice to clarify idioms and new vocabulary.
FLL13	Systematic introduction of vocabulary for things in the classroom. Simple discussion of declensions and sentence structure in Latin.
FLL14	Discussion of simple Latin sentences in Latin; structure, cases, and general rules for agreement, use of cases, parts of speech.
FLL15	Verb forms, tenses, moods, principal parts, with a little general conversation.
FLL16	A discussion in English of colloquial or spoken Latin, then Margarita and Carolus meet on the street and talk about everyday modern things in colloquial Latin

SPANISH IN SLOW MOTION

Six tapes, presenting the basic elements of pronunciation, with simple, everyday vocabulary. Words, phrases and easy sentences are given in gradual stages. Spanish voice: Associate Prof. James A. Cúneo, University of Minnesota. Text prepared by Assistant Prof. Herbert Willging of St. Thomas College, in collaboration with Prof. Cúneo.

All tapes are 30 minutes in length.

CODE	TITLE
FLS1	The Vowels
FLS2	S, C, and Z linking
FLS3	B and V. R and double R
FLS4	G, J, N and LL
FLS5	H, D diphthongs
FLS6	Diphthongs (cont.). NV, GU, QU. Accents

MUSICA, MAESTRO

For elementary, secondary or advanced level. Fifteen tapes designed to teach students how to sing Spanish-American songs in the original language. The Spanish pronunciation is given first, in easy stages, with the translation, and a musical background.

Prepared by Associate Prof. James A. Cúneo, University of Minnesota, and Assistant Prof. Herbert Willging, St. Thomas College, with the assistance of Mrs. Edmond Williamson, Miss Consuelo Besares, Emileo Rothschuh.

All tapes are 15 minutes in length.

FLS-MU1	Chiapanecas (Clap-Hands Song)
FLS-MU2	La Cucaracha
FLS-MU3	Cuatro Milpas
FLS-MU4	Ay Ay Ay Alla En el Rancho Grande
FLS-MU5	Cielito Lindo
FLS-MU6	La Golondrina
FLS-MU7	Cancion Mixteca Aquellos Ojos Verdes
FLS-MU8	Ay, Jalisco
FLS-MU	Las, Altenitas
FLS-MU10	Adios Muchachos
FLS-MU11	La Paloma
FLS-MU12	Amapola Adios Mi Chaparrita
FLS-MU13	A Media Luz (tango)
FLS-MU14	El Manicero (the Peanut Vendor)
FLS-MU15	La Cumparsita (tango)

GUIDANCE AND OCCUPATIONS

This series was prepared by Indiana University and designed for high school. All tapes are 15 minutes in length.

CODE	TITLE
G1	An Introduction to You
G2	Reaching for Maturity
G3	What Is Maturity?
G4	Interests Pay Dividends
G5	Do You Have What It Takes?
G6	Let's Look at Jobs
G7	You're on Your Own
G8	Open and Closed Doors
G9	Yourself and Your Job
G10	More About Choosing Your Job
G11	Getting Ready for Your Job
G12	Working to Learn and Learning to Work
G13	About That High School Record
G14	Test Me on This One
G15	Activities — Are They Worth It?
G16	Something to Interest Everybody
G17	Teachers Are People, Too
G18	Personality's the Thing
G19	What Is "Normal" Behavior?
G20	Your Personality and Your Health
G21	A Message to the Stag Line
G22	About Your Home Life
G23	Time on Your Hands
G24	The Truth About Yourself
G25	Let's Look at the Records
G26	Success — It's Up to You
G27	Nursing Meets Today's Challenge (UR)
G29	What's On Your Mind? — Worrying is normal, up to a point
G30	Let's Face It — None of us is perfect but —
G31	Getting Along With Others — Achieving emotional maturity involves many trials and setbacks
G32	How Do You Measure Up? — Personality tests are amazing because of what they reveal
G33	Oh, Those Academic Walls!
G34	Can You Say It? — Learning to speak and write, puts the plus in personality
G35	What Do You Know? — What you know determines your job, friends, and the social paths you are going to follow
G36	What Can You Do? — There is no better place than school to test those skills
G37	Particulars on Extra-Curriculars — Student activities open a number of opportunities

G38	How About a Date — First dances and dates need not be painful
G39	How Do I Look? — We aren't all beautiful or big but we can make the most of our good points
G40	Home Sweet Home — Practice the golden rule on your family and enjoy your home
G41	Working to Learn — Today's high school student needs more than knowledge
G42	Can You Land the Job? — Certain skills will make the job hunting easier
G43	Are You Worth It — Do you return enough of the investment in your education to make it worth while

HEALTH

All tapes are 15 minutes in length.

CODE	TITLE
H1	500 Human Guinea Pigs (Experimental work in heart aliments reported)
H2	That They May Live (Experimental work in children's heart diseases described)
H3	Facts About Polio (Furnishes valuable information about possible ways of controlling polio)

"YOUR HEALTH AND YOU" SERIES, Radio Station KUOM

Deals with health problems suitable for upper elementary and Junior High School presentation.

All tapes are 15 minutes in length.

H4	Healthful Living
H5	Safety at Home and at School
H6	Safety on the Highway
H7	Why Should We Remember the 200th Birthday of Edward Jenner?
H8	Good Nutrition and Good Health
H9	Questions and Answers
H10	What Is the Most Nearly Perfect Food?
H11	We Have Many Persons to Thank for Our Good Health
H12	The Tasks of the Digestive System
H13	Rest and Sleep Are Very Necessary for Healthful Living
H14	Advancing to Victory over Tuberculosis
H15	Questions and Answers
H16	The Skin Has Several Jobs
H17	Bones Are Interesting and Important Structures
H18	The Body's Air Conditioning Device
H19	Chemical Messengers
H20	The Story of the Blood
H21	Taking Care of the Teeth
H22	Questions and Answers
H23	Some American Health Heroes
H24	The Body's Camera
H25	How Can We Protect Our Hearing?
H26	Stimulants and Narcotics
H27	Why Do We Get Sick?
H28	Preventing Contagious Diseases
H29	Questions and Answers
H30	Some Diseases Spread by Animals
H31	Insects Which Are Foes of Man
H32	None of Us Lives to Himself
H33	Safe and Healthful Vacations
H34	Questions and Answers

MENTAL HEALTH SERIES

H35	Introduction — Plan of Series, Discussion of Objectives
H36	History of Mental Hygiene
H37	Methods of Mental Hygiene — Research
H38	Methods of Mental Hygiene — Education
H39	Mental Hygiene and Other Sciences
H40	Questions and Answers — Mental Illness Today — How Much and Why?
H41	The Family — Role of Parents and Siblings
H42	Changes Occurring in Family Structure
H43	Growth Process — Learning to Handle Instinct Drives
H44	Infancy — Role of Hunger in Learning to Live
H45	Infancy-Anxiety — Its Meaning and Value
H46	Infancy-Mother — Learning from Another Person
H47	The Baby — Learning to Accept Restrictions — Toilet Training
H48	The Baby — Learning to Handle Aggressive Feelings
H49	The Baby — Surge of Independence — Learning by Experiment
H50	The Pre-school Child — Competition Is Pleasant
H51	The Pre-school Child — Thumb Sucking, Temper Tantrums, etc.
H52	The Pre-school Child — Physical Illness and Regression
H53	Discussion — The Child Has Learned a Good Deal About Himself
H54	Aids to Foster and Encourage This Growth
H55	The Child Moves Out from the House — Independence and its Significance
H56	The Child Moves Out from the House — Narcissism
H57	"I Love Mother" or "I Love Father" — Oedipus Complex
H58	Consequence of This Thinking — Role of the Parent
H59	Puberty — Questions and Answers — Accept or Reject
H60	Puberty — The Gang, the Hero, Day-Dreaming, How Like an Adult
H61	Adolescence — First Civilized Successes — Sports, Civics, Work, Preparation
H62	Adolescence — Emancipation "Now I Can Support Myself" Trial and Error
H63	"My Parents Are Old Fashioned, I'm Better Than They Are"
H64	Discussion — This is not the end of growth

H65 **Early Adulthood** — Marriage, Work, Higher Education, Organizations
H66 **Early Adulthood** — "The First Year Is the Hardest"
H67 **Middle Adulthood** — Success in Work, Making the Home, Having Children
H68 **Middle Adulthood**—Children Getting Older — Threat of Failure of Work
H69 **The Involutional Period** — Menopause, Children Go Away
H70 **The Beginnings of Old Age** — "I'm No Longer of Value" "I've Done My Bit"
H71 **Old Age** — "These Impudent Youngsters"
H72 **Old Age** — "Attitude Toward Death"

"THE WORLD WITHIN"

This material deals with persons who are abnormal personality types. If they can be understood, successful relations with them may be maintained. These programs are dramatic in nature and each is followed by a discussion of the problems involved. The consultant is Dr. Roger Howell, of the Minnesota Mental Health unit. The programs are suitable for use in Senior High School classes that deal with individual social problems; and should also prove of value to college classes studying abnormal psychology, as well as for adult study groups. Available for re-broadcast over local radio stations, as a public service.

All tapes are 15 minutes in length.

H75 **The Don Juan** — A woman killer and his problems.
H76 **The Neighborhood Gossip** — An unhappy person spreads her unhappiness.
H77 **The Career Woman** — What drives women to make a success in a man's world?
H78 **Mother's Boy** — Age 30—Mother love in action.
H79 **The Legal Eagle** — Sam fights his neighbors, in court.
H80 **The Young Executive** — "He couldn't say no" even if he sacrifices his family.
H81 **Mr. Milque Toast** — How the timid soul got that way and where it could end.
H82 **The Overprotective Mother** — Over compensation may hurt those we most desire to aid.
H83 **The Precocious Child** — The student, Harland, is praised but makes no friends.
H84 **The Precocious** — The Dead End Kid, Mickey, knows all the answers but has problems.
H85 **The Prudent Professor** — Professor Eden has a mosquito as the center of his universe.
H86 **The Old Man** — Grandpa and his problems.
H87 **The Alcoholic** — Why drink?

HOME ECONOMICS MATERIALS

These materials have been largely prepared by members of the staff of the home economics department of the University of Minnesota. Those materials dealing with standards for purchasing home equipment have been prepared by the National Consumer-Retailer Council.

All tapes are 15 minutes in length.

CODE	TITLE
HE2	**Storing Winter Clothes**
HE3	**Materials in Cooking Utensils**
HE4	**Opportunities in Foods Work**
HE5	**Home Economists in Business**
HE6	**Opportunities in the Field of Nutrition**
HE7	**Home Economists in Education**
HE8	**Minnesota Housing Study**
HE9	**Some Problems in Housing**
HE12	**Sewing Nylon and Plastics**
HE13	**Better Lighting for Study**
HE14	**Modernizing Lighting**
HE15	**Dining and Living Room Lighting**
HE16	**Bedroom and Kitchen Lighting**
HE19	**Freezing Summer Fruits, Vegetables, and Fish**
HE20	**How to Buy Bathing Suits**
HE21	**Summer Fruits and Vegetables**
HE22	**Buying Men's Shirts**
HE23	**Buying Pots and Pans**
HE24	**Buying with Key Facts**
HE25	**Buying Living Room Furniture**
HE26	**Buying School Clothes**
HE27	**What Happens to Your Food Dollar**
HE28	**Buying Back-to-College Clothes**
HE29	**How to Buy Wool Piece Goods**
HE30	**Buying Bedroom Furniture**
HE31	**How to Buy Protein Foods**
HE32	**Wise Use of Consumer Credit**
HE33	**How to Buy Blankets**
HE34	**Dry Cleaning Problems**
HE35	**How to Buy Mattresses**
HE36	**How to Buy Women's Suits**
HE37	**How to Buy Baked Goods**
HE38	**Making the Most of Thanksgiving Food**
HE39	**How to Buy Plastics**
HE41	**Buying Occasional Furniture**
HE42	**How to Buy Toys**
HE43	**Planning Food for the Holiday Season**
HE44	**Returning That Christmas Gift**
HE45	**How to Use White Sales**
HE46	**How to Buy Towels**
HE47	**How to Buy Frozen Fruits and Vegetables**
HE48	**Evaluating New Textile Finishes**
HE49	**How to Buy Rugs and Carpets**
HE50	**Buying Men's Suits**
HE51	**How to Buy Women's Hosiery**
HE52	**Buying Fish**
HE53	**Buying the Baby's Layette**
HE54	**Buying Outdoor Furniture**
HE55	**Buying Street Dresses**

HUMAN RELATIONS

This series should answer a need for teaching materials in units on guidance, history, and social study classes, where problems of discrimination and intolerance are discussed. The series consists of 13 programs of a 15-minute dramatic recording, followed by a 15-minute panel discussion by prominent citizens who discuss the problems of prejudice and discrimination.

All tapes are 30 minutes in length.

CODE	TITLE
HR1	**The Facts of Life** with Ezra Stone . . . a dramatic program dealing with discrimination in higher education.
HR2	**Who Speaks for San Marino?** with Tyrone Power . . . dealing with discrimination in clubs; the need for organizations like Mayor's Commissions on Human Relations to handle problems of prejudice.
HR3	**Elephant in the Streets** with Quentin Reynolds . . . a documentary on the need for community audits.
HR4	**The Case of Alice Pardee** with Edward R. Murrow . . . explaining the functioning of state fair employment practice legislation.
HR5	**The Old One-Two** with Ronnie Liss . . . a dramatic program dealing with parental influence on children in creating good or bad attitudes toward groups of people.
HR6	**An American Comes Home** with Faye Emerson . . . a dramatic program on basic human rights.
HR7	**Sweet Music** with Walter Hampden . . . a dramatic program on housing and restrictive covenants.
HR8	**With Malice Toward All** with Staats Cotsworth . . . a dramatic detective story dealing with group hatred.
HR9	**Liberty Inn** with Cornel Wilde . . . a dramatic program dealing with discrimination in resorts.
HR10	**Sky View** with Arnold Moss . . . a dramatic program dealing with discrimination in hotels and professions.
HR11	**Party for Gino** with Martha Scott . . . a dramatic program about good human relations in a neighborhood.
HR12	**These Small Things** with MacDonald Carcy . . . a dramatic program on discrimination in housing.
HR13	**The Man in the Plane** with Richard Widmark . . . a dramatic program dealing with human rights on the world scene.

HISTORY

The following programs have been secured from the University of Indiana "School of the Sky" broadcasts, and are designed primarily for junior and senior high school use.

All tapes are 15 minutes in length.

HS14	**Leave It to the Experts**
HS15	**The March of Civilization Begins**
HS16	**A Civilization of Segments**
HS17	**Ancient Egypt**
HS18	**The Egypt of Today**
HS19	**The Hebrews Find a New Way of Life**
HS20	**The Greeks Learn Quickly**
HS21	**What the Greeks Gave Us**
HS22	**Athens Becomes the Center of Culture**
HS23	**The Growth of the Roman Republic**
HS24	**Christianity Comes to Rome**
HS25	**The Empire and the Caesars**
HS26	**Northern Invaders**
HS27	**Christianity Encounters a Rival**
HS28	**Northern Sea Rovers**
HS29	**Middle Ages — Sword and Sickle**
HS30	**Christians in Armor**
HS31	**Middle Ages — City Life**
HS32	**Medieval England — A Famous Pilgrimage**
HS33	**Cedric Goes to School**
HS34	**Cedric Goes to a Tournament**
HS35	**Cedric Goes to a Fair**
HS36	**Europe Re-discovers the Far East**
HS37	**Europe Discovers the New World**
HS38	**Look at Ourselves** — What we have and where it came from.
HS39	**How It All Adds Up**
HS40	**The Old and the New** — The "tie-up" with the past is always with us.
HS41	**Our Language Grows and Changes**—Language is a living and changing thing.
HS42	**A King Signs** — King John signs the Magna Carta.
HS43	**The People Build a Cathedral** — The chief comfort of the people was the church.
HS44	**Manuscripts Become Books** — John Gutenberg of Germany made use of movable type.
HS45	**A New Church Begins** — People asked questions and the Protestant Revolution was inaugurated.
HS46	**Englishmen Go to Sea** — Queen Elizabeth sets about making her island strong.
HS47	**Englishmen Come to America** — Various motives for English colonization.
HS48	**Englishmen Change Rulers** — The Puritans break away to America and fight a long civil war under Cromwell.
HS49	**Europe Finds Wealth in Asia** — The age of Imperialism had dawned.
HS50	**Russia Expands** — Russia looks to the west for industrial and cultural advancement and imperialistic tendencies.
HS51	**France Leaves North America** — The French settle Canada and the land west of the Alleghenies.
HS52	**Americans Break Away** — English colonists feel like "Americans."

HS53 **Americans Plan for Education** — Grants for public education were included in the Northwest Ordinance and Horace Mann establishes public education.

HS54 **Americans Demand Their Rights** — The Constitution was drafted with a Bill of Rights added.

HS55 **Prussia Becomes a Power** — Germany became unified, powerful and rich, but not democratic.

HS56 **Frenchmen Support a King** — Under Louis XIV, the nobility of France reached their height but the lot of the common man, however, was unbearable.

HS57 **Frenchmen Revolt** — The people of Paris attacked the old Bastille.

HS58 **A Conqueror Comes and Goes** — Napoleon Bonaparte.

HS59 **A New Europe Appears** — A congress of European nations was held in 1814-1815 that sowed some of the seeds of World War I and II.

HS60 **South Americans Break Away** — The people of South America and Mexico began to rise in revolt.

HS61 **Americans Push West** — The people who moved west were looking for new financial ventures but found the Indians.

HS62 **Factories and Cities Grow** — Manufacturing became concentrated in cities.

HS63 **Slaves Are Freed** — The war between the states had many causes and many results.

HS64 **Americans Conquer a Continent** — After the Civil War, western lands were rapidly settled.

HS65 **The New World Changes the Old** — Colonists carried over into the New World the beliefs and customs of the Old World.

"**Treasures off the Shelf**," a series of dramatic programs each based upon an historical manuscript or document in the William L. Clements Library at the University of Michigan. The distribution of these recordings is made possible through the cooperation of the Clements Library, Radio Station WUOM, and the Audio-Visual Education Center of the University.

All tapes are 30 minutes in length.

HS66 **"The Letter to Andre"** — This drama is based upon the coded letter from General Benedict Arnold, military commander of Philadelphia, to Captain Andre.

HS67 **"The Decoy"** — This letter, written by George Washington to General Lafayette and subsequently captured by the British, proves to have been a letter intended for capture.

HS68 **"Preacher Trell"** — "I took this book off one of Burgoyne's soldiers . . . October 11, 1777."

HS69 **"Sacrobosco's Spheres"** — This dramatization begins on the night of December 26, 1539 aboard ship in the North Sea.

HS70 **"Grim Journey"**—A dramatic presentation of events during the journey in the summer of 1764 of the English Captain Thomas Morris from the Lake Erie region to the French forts in Illinois.

HS71 **"The Loyalist"**—The official Declaration of Independence was never sent to England.

HS72 **"The Long Siege"**—During the summer of 1763, Pontiac of the Ottawas, aided by other neighboring tribes, laid siege to Fort Detroit.

HS73 **"Valley Forge"** — This is the story of a map which could have lost the American Revolution.

HS74 **"Path of Glory"** — A dramatization of Benjamin West's painting of the death of General Wolf on the Plains of Abraham above Quebec.

HS75 **"Gold for Yorktown"** — The scene is late summer, 1781. The American Army, low on food and supplies, had not been paid in months.

HS76 **"The Crisis"** — December, 1776. Washington and his disheartened army are camped across the Delaware from Trenton.

HS77 **"The General"** — This drama deals with the battle of Yorktown and the surrender of Cornwallis to Washington.

HS78 **"The Columbus Letter"** — This dramatization is based upon the report written by Columbus on board the ship, Nina, on the return voyage from "Cathay."

MATHEMATICS

The following eleven programs were obtained from station WBOE, operated by the Cleveland, Ohio public schools. They deal with the subject of arithmetic for the Junior High grades. Each program has eight problems that are solved by students appearing on the program and by the listening audience. They cover the areas of arithmetic indicated by the title. The second five programs in the series are follow up programs on the first six covering the same subject matter areas and same techniques but with different problems involved. This series indicates the methods of solving problems by the use of mental arithmetic. This series was given outstanding recognition for its excellence at the 20th Institute for Education by Radio at Columbus, Ohio in May 1950.

All tapes are 15 minutes in length.

CODE	TITLE
MA1	**Addition**
MA2	**Subtraction**
MA3	**Multiplication by Division**

MA4	Multiplication by Addition
MA5	Units of Measure
MA6	Division
MA7	Addition
MA8	Subtraction
MA9	Multiplication
MA10	Division
MA11	Fractions

MUSIC

"LET'S SING"

Kindergarten through grade 3.

All tapes are 15 minutes in length.

CODE	TITLE
MU1	Sing a Song
MU2	Hop, Skip, and Jump
MU3	Singing in the Rain
MU4	The Leaves' Party
MU5	Black Cats and Jack-O'-Lanterns
MU6	Let's Play Together
MU7	Indian Children
MU8	A Song of Thanksgiving
MU9	In a Toy Store
MU10	Santa's Workshop
MU11	Trimming the Christmas Tree
MU12	Merry Christmas
MU13	Jack Frost
MU14	The Snow Is Dancing
MU16	Sing a Story
MU17	In a Clock Store
MU18	For My Valentine
MU19	A Birthday Party
MU20	Mother Goose
MU21	We Have a Parade
MU22	Let's Take a Trip
MU23	On the Farm
MU24	Meeting the Easter Rabbit
MU25	Easter and Spring
MU26	A Day at the Zoo
MU27	Friendly Animals
MU28	Who Loves the Rain?
MU29	On a Very Rainy Day
MU31	Our Favorite Music

"ADVENTURES IN MUSIC"

Music appreciation programs designed for Grades 4 through 8.

All tapes are 15 minutes in length.

MU32	Ignace Paderewski — Pianist and President; Minuet in G, Chopin's Revolutionary Etude, Chopin's Nocturne in E flat.
MU33	Fritz Kreisler — Beloved Violinist and Composer; Viennese Caprice, Liebesfreud, The Chinese Tamborine.
MU34	Jan Sibelius — Finland's Favorite Son; Finlandia, Valse Trieste, March from Karelia Suite.
MU35	Nicholas Rimsky-Korsakov—Orchestral Color; Golden Cockerel, Scheherazade Suite — The Sea, Spanish Caprice — Fandango of the Asturianas.
MU36	Ernest Bloch — Herald of Hebrew Music; Nigun, Schelomo, Concerto Grosso.
MU37	Georges Enesco — Romanian Rhapsodist; Largo from Bach's Concerto for two violins, Romanian Rhapsody #1, Finale of Rhapsody #2.
MU38	Edward MacDowell — Foremost American composer; To a Wild Rose, Of a Tailor and a Bear, The War Song from the Indian Suite.
MU39	John Philip Sousa — Illustrious March King; Washington Post March, El Capitan, Semper Fidelis, Stars and Stripes Forever.
MU40	George Gershwin — Promoter of Jazz; Rhapsody in Blue, Concerto in F, Ah' Got Plenty of Nothin'.
MU43	Christmas Carols Old and New.
MU44	Maurice Ravel — French Master of Spanish Music; Spanish Rhapsody — two dances, Alvarado Del Gracioso, Bolero.
MU45	Edward Elgar — Master of the King; March-Land of Hope and Glory, Love's Greeting played by Yehudi Menuhin, Dream Children.
MU47	Ferde Grofe — Musical Photographer; On the Trail, from Grand Canyon Suite, Father of Waters from Mississippi Suite.
MU48	Anton Dvorak — Bohemian Artist; Humoresque, First Slavonic Dance, Largo from Symphony to the New World.
MU50	Granados — Writer for the Dance; Spanish Dance #6, Intermezzo from Goyas Opera, Spanish Dance.
MU51	Charles Giffes — Poet and Composer; Concert Pianist, Roman Sketches — By a Lonely Forest Pathway, Pleasure, Dome of Kubla Khan.
MU52	Hector Villa Lobos — Brazilian Genius; Bachianas Brasileiras #1, The Song of the Oxcart Driver.
MU53	Eric Coates — Modern English Lyricist; London Again Suite, By a Sleepy Lagoon, Cinderella Suite.
MU54	Percy Grainger — Folk Tune Arranger; Brigg Fair, Molly on the Shore, Danny Boy, Country Garden.
MU56	Sergei Rachmaninoff — Pianist and Composer; Melody in E major, Humoresque, Second Piano Concerto.

MU57 **Claude Debussy** — French Impressionist; Reflection in the Water, An Evening in Granada, Moonlight.

MU58 **Bela Bartók** — Hungarian Composer; Hungarian Folk Tunes, Romanian Folk Dances, Contrast for Violin, Clarinet, and Piano.

MU59 **Sergei Prokofieff** — Jester in Music; Fiendish Suggestion, Finale from the Classical Symphony, Love for Three Oranges (The March, and the Scarecrow).

MU61 **Manuel de Falla** — Spanish Rhythm Master; Life Is Short, Wedded by Witchcraft from Ballet Pantomine, The Miller's Dance from Three Cornered Hat.

MU143 **Victor Herbert** — March of Toys, Excerpts from Babes in Toyland, I'm Falling in Love.

MU62 **Morton Gould** — Color Artist in Music; Yankee Doodle, Minstrel Show, the Ponga.

The following nine programs were broadcast over radio station KUOM, University of Minnesota, by students of the nationality groups. The commentary is good for stressing the importance of folk music as a reflection of the culture, geography, and national characteristics of a country and people.

All tapes are 30 minutes in length.

MU63 **Northern German Folk Songs**
MU64 **Southern German Folk Songs**
MU65 **Austrian Folk Songs**
MU66 **Norwegian Folk Songs**
MU67 **Swedish Folk Songs**
MU68 **Czechoslavakian Folk Songs**
MU69 **Jewish Folk Songs**
MU70 **Chinese Folk Songs**
MU71 **Finnish Folk Songs**

MINNEAPOLIS SYMPHONY YOUNG-PEOPLE'S CONCERTS

MU72 **Tape 1**
Mozart — Overture to the Magic Flute
Beethoven — Symphony #7, first movement
Tape 2
Songs by Set Svanholm
Strauss — Till Eulenspiegel

MU73 **Tape 1**
Weber — Overture to Oberon
Haydn — Symphony #96, Minuet and Finale
Falla — La Vida Breve: Intermezzo and Dance
Tape 2
Mozart — Sinfonia Concertante: Theme and Variations
Villa Lobos — The Little Train
Wagner — Ride of the Valkyries

MU74 **Tape 1**
Strauss — Overture to Die Fledermaus
Brahms — Symphony #3: third movement
Falla — La Vide Breve: Interlude and Dance
Piano Solos by Rudolf Serkin
Tape 2
Piano Solos by Rudolf Serkin
Smetana — The Moldau

MU75 **Tape 1**
Nicolai — Overture to the Merry Wives of Windsor
Wagner — Forest Murmurs
Strauss — Treasure Waltz (This is actually the first number in the program.)
Tape 2
Britten — Young Person's Guide to the Orchestra (This is the second to last number on the program.)

MU76 **Tape 1**
Nicolai — Overture to the Merry Wives of Windsor
Britten — Young Person's Guide to the Orchestra
Tape 2
Smetana — The Moldau
Tchaikovsky — Symphony #6: third movement

ADVENTURES IN MUSIC

In considering the world-wide contributions of composers of different nations, religions, races and ideologies, these programs musically explore the concept of Brotherhood.

All tapes are 15 minutes in length.

NATIVE MUSIC OF THE NEW WORLD

MU77 **The Music of the American Indian**
MU78 **The Music of the Negro**
MU79 **Folk Music of the Old South** — John Henry, O'Sally My Dear, The Swapping Song, Haul Away Joe
MU80 **Cowboy Songs** — Chisholm Trail, San Antonio Rose, The Last Round-up, Home on the Range

THE MUSIC OF THE NATIONS WELDS US TOGETHER

MU81 **The English Bring Their Folk Ballads**
MU82 **The French Give Us Songs of Adventure**
MU83 **The Swedes Bring Gay Songs and Dances**
MU84 **The Irish Bring Lilts and Jigs**
MU85 **The Czechs Sing of Love of Country**
MU86 **The Norwegians Teach Us Songs of the North**
MU87 **The Germans Bring Waltzes and Romance**
MU88 **Christmas Brings Us New Hope**
MU89 **The Hungarians Bring Us Gypsy Music**
MU90 **The Russians Bring Songs of Sorrow**
MU91 **The Italians Bring Us Gayety**
MU92 **The Mexicans Bring Us Rhythms**
MU93 **The Spanish Bring Us the Dance**
MU94 **The Orientals Bring Us Mysticism**

RELIGIONS ADD THE MUSIC OF WORSHIP

MU95	The Ancient Jewish Chants
MU97	The Great Hymns of the World

THE GROWTH OF THE DEMOCRATIC IDEAL

MU98	Beethoven Expresses Freedom Through Music
MU99	Chopin Champions the Cause of Freedom
MU100	Mine Eyes Have Seen the Glory
MU101	Ballads for Americans
MU102	The Airborne Symphony
MU103	I Hear America Singing
MU104	Palestine Folk Music

ADVENTURES IN MUSIC

Grades 4 through 8.

This series has been planned around the birthdays of composers whose lives and works will be discussed. These programs are designed to explore music as an international language capable of developing finer human relationships.

MU133	Stephen Foster
MU134	Franz Liszt
MU135	Young People's Symphony in St. Paul
MU137	Harry T. Burleigh
MU138	Young People's Symphony in Minneapolis
MU139	Ludwig von Beethoven
MU140	Christmas
MU141	Wolfgang Mozart
MU142	Franz Schubert
MU143	Victor Herbert
MU144	Young People's Symphony in Minneapolis
MU145	Frederic Chopin
MU146	George Handel
MU147	Leo Delibes
MU148	Bedrich Smetana
MU149	Samuel Barber
MU150	Johann Sebastian Bach
MU151	Franz Josef Haydn
MU152	Young People's Symphony in St. Paul
MU153	Sergei Prokofieff
MU154	Felix Mendelssohn
MU155	Johannes Brahms
MU156	Sir Arthur Sullivan
MU157	Robert Schumann
MU158	Hector Berlioz

ORCHESTRAS OF THE WORLD

A magnificent series of music recordings — orchestras from fourteen countries, each giving a one-hour performance of surpassing excellence. Following are the countries represented, and the selections played by each orchestra. In ordering, it is not necessary to limit the order to selections from one country, or to take all the selections from a particular country, if you are interested in only one of those selections. You may select at will from all fourteen groups. As a guide in determining approximate length, remember that each group of the fourteen is one hour in length.

These programs are available either on tape or on disc. Disc recordings are 33⅓ r.p.m.

GERMANY:

BACH: Second Brandenburg Concerto
BLACHER: Variations on the Paganini Theme
EGKS: French Suite
(R.I.A.S. Symphony Orchestra, Ferenc Fricsay, conducting.)

AUSTRIA:

MOZART: Eine Kleine Nachtmusik
SCHUBERT: Fifth Symphony in B. Major
SCHMIDT: Zwischenspiel Aus Notre Dame
(Vienna Philharmonic Orchestra, Rudolf Moralt, conducting.)

SWITZERLAND:

DALCROZE: La Suisse est Belle
VUATOZ: Petit Concert
WISSMER: Le Bal Chez Sylvie
DUPERIER: Images d'Epinal
(Orchestra de la Suisse, Romande Edmond Appia, conducting.)

PORTUGAL:

SANTOS: Second Overture
FREITAS-BRANCO: Alentejo Suite No. 1
HALFFTER: Portuguese Rhapsody
(Symphony of the Portuguese National Radio, Pedro de Freitas-Branco, conducting.)

SWEDEN:

LARSEN: Pastoral Suite
WIRDEN: Alla Marcia
SEYMER: Sun Flower
PETERSON-BERGER, FROSO FLOWERS: Congratulations; at the Froso Church — Entrance Into the Summer Field
ALVEN: Midsummer Eve
TAUBE: Medley of Swedish Folk Music
(Swedish Radio Symphony Orchestra, Sten Frykberg, conducting.)

NORWAY:

GRIEG: Piano Concerto in A Minor, Opus 16
HALVORSEN: Norwegian Rhapsody No. 1
SVENDSEN: Carnival in Paris
(Oslo Philharmonic Orchestra, Odd Gruner-Hegge, conducting.)

BRITAIN:

ELGAR: Introduction and Allegro for strings
WILLIAMS: Symphony No. 6
(B.B.C. Symphony Orchestra, Sir Adrian Boult, conducting.)

GREECE:

EVANGELATOS: Overture to a Drama
VAVAGLIOS: Suite Pastoral
CALOMIRIS: Triptichon
(Greek State Symphony Orchestra, Dr. Philotetes Oikonomedes, conducting.)

IRELAND:

STANFORD: Overture to "Shamus O'Brien."
FRIEL: Two Linked Melodies from Donegal
LARCHET: Tinker's Wedding
MOERAN: Serenade in G
HARTY: With the Wild Geese
(Radio Eireann Symphony Orchestra, Jean Martinon, conducting.)

BELGIUM:

GRETRY: Cephale and Procris; Village Dances
HERBERIGS: Antony and Cleopatra
(Belgian National Radio Symphony Orchestra, Daniel Sternefield, conducting.)

DENMARK:

RIISAGER: Erasmus Nontanus
TARP: Battle of Jericho
NIELSON: Second Symphony
(Danish Radio Symphony Orchestra, Launy Grondahl, conducting.)

ITALY:

VIVALDI: Concerto for Two Violins and Orchestra
MONTEVERDI: Symphonic Excerpts; "Orfeo"
ROSSINI: Italian in Algiers
VERDI: Overture to "Force of Destiny"
RESPIGHI: Fountains of Rome
(Turin Symphony Orchestra, Mario Rossi, conducting.)

FRANCE:

BERLIOZ: Roman Carnival
CHABRIER: Bourree Fantasque
FAURE: Pavane
DEBUSSY: Nocturnes
RAVEL: Daphnis and Chloe
(National Orchestra of the French Radio, Henri Tomasi, conducting.)

TURKEY:

ALNAR: Prelude and Two Dances
ERKIN: Dance Rhapsody, 2nd Movement of 1st Symphony
AKSES: Poems for Cello
(Presidential Philharmonic Orchestra, Hasan Ferit Alnar, conducting.)

PROFESSIONAL EDUCATION

This series should be suitable for PTA, Education Association, and lay discussion groups use.

All tapes are 15 minutes in length unless otherwise specified.

CODE	TITLE
P1	**Unfinished Business** (Current Problems in Minnesota Education)
P2	**Crisis in Rural Education** (Only half of rural youth 16 and 17 are in school)
P3	**For These, Our Children** (On the subject of teacher shortage in elementary education)
P4	**Education for Living** (Vocational and terminal education programs aims described)
P5	**A Superintendent Speaks** — This program describes the joint obligations of teachers and school administrators in carrying forward a sound school program. This program was prepared by one of the outstanding superintendents in Minnesota, who remains anonymous. We recommend it for use in faculty or other professional meetings. 30 minutes
P6	**Lift a Mountain** — A dramatized event in the life of Horace Mann, the father of American education.
P7	**A discussion on teaching experiences with the Program of Information on World Affairs** — J. Edward Gerald, Professor of Journalism, U. of Minnesota.
P9	**Teacher Tenure** (Fair Dismissal) Avoiding the fear that results when cheap politics invade the classroom. Walter E. Englund
P10	**Teacher Salary Schedule** — A school board will seek to establish a salary structure that will induce the right type of teachers to gravitate toward their school. The cost of education rests on society as a whole. Walter E. Englund
P11	**Let's Talk About Schools** — An address given by Walter E. Englund before the State School Board Association of Nebraska, January 29, 1952. 20 minutes
P12	**I Do Not Walk Alone** — The value of a membership in the Minnesota Education Association. Walter E. Englund 12 minutes
P13	**Problems in the Administration of Audio-Visual Education in a School System** — A talk by Paul C. Reed, Editor of Educational Screen Magazine, and Audio-Visual Coordinator of the public schools of Rochester, N. Y. Recorded at the Sixth Annual Audio-Visual Institute at the U. of M., March 1952. 30 minutes
P15	**Are the Criticisms of the Schools Justified?** — Minneapolis January Town Meeting. Leo J. Brueckner, Malcolm B. Keck, Mrs. Agnes Sommer, Edward Haynes.
P16A	**Standards for Visual and Auditory Facilities in New and Old Buildings** — Talk given March 27, 1952, by I. O. Firswold, Director of Buildings and Business Administration, State

Department of Education, at the Sixth Annual Audio-Visual Institute, University of Minnesota.

P16B Questions and Answers

READING PROBLEMS IN TODAY'S SCHOOLS

In-Service Reading Program — Tape recordings of a talk presented by Dr. Guy L. Bond of the University of Minnesota at in-service meetings with Chicago, Illinois, principals and teachers, March 10-11, 1952. In four parts, tape A, B, C, and D.

P17A **Reading Problems in Today's Schools.** Under 15 minutes. A discussion of the increasing importance of teaching students to read well in today's world; the problems faced by the teacher; the relative merits of the printed page in comparison with other methods of communication.

P17B **A Sensible Approach to Word Recognition.** Under 15 minutes. A discussion of the various points of view in regard to word recognition techniques; the importance of word recognition; principle of recognizing words.

P17C **A More Realistic Teaching of Reading in the Content Fields.** Under 15 minutes. A discussion of the goals of the developmental reading program; seven fundamental factors of good reading teaching.

P17D **Adjusting Reading Instruction to Individual Differences.** Under 15 minutes. Discussion of the four types of reading experience; recommendations for a basic reading program in accordance with needs and capabilities of students.

SCIENCE

This series of twenty-six programs was prepared by Indiana University for high school use. Narration and dramatization describes progress of science through the contributions of outstanding scientists. The programs may be used individually as well as in the complete series.

All tapes are 15 minutes in length.

CODE	TITLE
SC1	**Where It All Began**
SC2	**Herodotus Reports on His World**
SC3	**The Greeks Ask Questions**
SC4	**Aristotle Discovers How He Thinks**
SC5	**Galileo Tests a Theory**
SC6	**Sun, Moon, and Stars**
SC7	**The Alchemist and Scholastic**
SC8	**Science Emerges from Underground**
SC9	**Harvey and the Beating Heart**
SC10	**Leeuwenhoek Sees the Little Animals**
SC11	**Newton Fashions a New Tool**
SC12	**Linnaeus Makes a List**
SC13	**These Men Worked on Air**
SC14	**Dalton Finds the Atom**
SC15	**The Scientists Get Together**
SC16	**Darwin Sails on the Beagle**
SC17	**Mendel Learns from Flowers**
SC18	**Pasteur Disproves a Theory**
SC19	**Pavlov and His Dogs**
SC20	**The Mysterious Rays**
SC21	**Electricity Goes to Work**
SC22	**Radio Becomes a Reality**
SC23	**Cures and Preventatives**
SC24	**Scientists Keep in Touch**
SC25	**Man Takes Another Look at His Universe**
SC26	**A New Theory Works Out**
SC27	**Atomic Energy for Peace** (UR). (Adults or senior high school groups)

LET SCIENCE TELL US

This series is suitable for Grades 4 through 8.

All tapes are 15 minutes in length.

SC28	**What's Around Us** (Environment as a whole)
SC29	**Eyes to See** (Careful observation)
SC30	**What Do You Believe** (Superstition, rumor)
SC31	**It Floats** (Floating objects, buoyancy)
SC32	**Eureka! I Have It!** (Archimedes)
SC33	**Mr. Watt's Tea Kettle** (James Watt)
SC34	**The Steamer** (Robert Fulton)
SC35	**The Wright Brothers** (Biographical Sketch)
SC36	**At the Airport** (What Makes a Plane Fly?)
SC37	**Flying Weather** (Weather conditions and flying)
SC38	**Oil For the Car** (Petroleum mining)
SC39	**Why Oil?** (Friction and effects)
SC40	**How Do They Find It?** (Geology and Petroleum)
SC41	**The Big Hole** (Iron mining)
SC42	**Making Iron into Steel** (Fiery furnaces)
SC43	**The Converter** (Henry Bessemer)
SC44	**The Eclipse** (The universe)
SC45	**The Big Eye** (Mount Palomar)
SC46	**Figures in the Sky** (Constellations)
SC47	**The Great Genius** (Isaac Newton)
SC48	**Black Diamonds** (Coal mining)
SC49	**Where Did It Come From?** (Formation of Coal)
SC50	**Rubber Tires** (Charles Goodyear)
SC51	**The Savior of the South** (George W. Carver)
SC52	**Welcome Friends** (Bird migration)
SC53	**Look Alikes** (Heredity)
SC54	**The Pain Killer** (Dr. Morton)
SC55	**In the Deep** (Deep sea diving)
SC56	**Tunnel Builders** (The Power of Air)
SC57	**Into the Past** (Fossils and Pottery)
SC58	**Final Edition** (Analysis fact)
SC62	**Science in Daily Life** — Science is the why's and how's of our world and of ourselves.
SC63	**Scientists Work Together** — The values of theoretical science.

SC64 **Greeks Honor Their Thinkers** — The great Hellenistic thinkers were right about some things, wrong about others.
SC65 **Science Leaves Greece** — Greek scholars fled to Asia Minor, Persia and Egypt.
SC66 **Moslems Keep Science Alive** — The Moslems continued scientific work during the Dark Ages.
SC67 **Science Returns to Europe** — The notions of Ptolemy, Aristarchus of Greece, Copernicus, and Bruno.
SC68 **Galileo Passes a Crucial Test** — The teachings of Aristotle, Galileo, Copernicus and Tycho Brahe.
SC69 **Science Finds Protection** — Scientific scholars in the sixteenth century band together.
SC70 **Scientists Find New Tools** — In the seventeenth century new instruments were developed by practical inventors and by theoretical scientists.
SC71 **New Ideas About Muscles and Diseases.** — Superstition and untested beliefs influenced the practice of medicine from ancient times.
SC72 **Newton Sets a Pattern** — Isaac Newton organized a system of theories and principles.
SC73 **Scientists Follow Newton** — Hersche and Pierre Laplace make further discoveries.
SC74 **Plants, Animals, and Rocks** — Men like Cuvier, Lamarck, Hunter and Lyell began to find new facts and new theories in geology, comparative anatomy and botany.
SC75 **Darwin Puts It into Words** — Charles Darwin generalized the study of other scientists into a new theory.
SC76 **More Ideas About Muscles and Diseases** — What is the nature of living tissue?
SC77 **Pasteur Unites Chemistry and Medicine** — Microbes can be killed or made harmless.
SC78 **Surgery Becomes Safe and Painless** — Morton, Simpson, and Lister.
SC79 **Electricity Begins to Work** — Michael Faraday puts electricity to work.
SC80 **New Discoveries, New Problems** — Roentgen, Thomson, Rutherford, and Planck account for radiation.
SC81 **The Machine Age Begins** — Practical applications of theoretical science.
SC82 **Scientists at Work** — The career of Albert Michelson illustrates how scientists keep in touch with one another.
SC83 **Einstein Looks for a New Answer** — Albert Einstein publishes new theory of "looking at" the universe.
SC84 **The Atom Yields Power** — $E = MC^2$.
SC85 **How Men Behave** (Psychology) — Galton, Pavlov, Freud, Wundt, Von Helmholtz, James and Binet give us experimental psychology.
SC86 **What Men Are Made Of** (Genetics) — How life carries on from generation to generation.
SC87 **Many Questions Still Remain** — Unsolved problems.

ADVENTURES IN RESEARCH

The following programs have been made available by the Westinghouse Electric Corporation who have for many years sponsored this fine series carried as a regular feature by many radio stations all over the nation. *They may not be used for re-broadcast.*

All tapes are 15 minutes in length.

SC88 **A Woman's Place** — The answer to what a woman's place can be.
SC89 **The Weaver and the Wasp** — Heinrich Keller discovers how to make paper out of wood.
SC90 **The Fifty Ton Gods** — A story of a barren, treeless place of mystery.
SC91 **The Clumsy Kitten** — William Morton discovers the first successful general anaesthetic.
SC92 **The Missing Elements** — A Russian scientist predicts new elements unknown in his time.
SC93 **The Tractor That Needs No Road** — Benjamin Holt invents a tractor to cope with the soft peat soil in California.
SC94 **The Kensington Stone** — Was it authentic or was it a hoax?
SC95 **The Lucky Pin** — Walter Hunt's invention of the safety-pin.
SC96 **The Reducing Cows** — Brought about the discovery of vitamins.
SC97 **The Earthquake and the Squirrel** — Led to the discovery of the disease tularemia, or rabbit fever.
SC98 **The Silver Dream** — A story which existed in the heart of a young Scotch girl.
SC99 **Track No. 1** — Colonel John Stevens and first railroad.
SC100 **The Barber of France** — Ambroise Pare's struggle against the superstition and ignorance of surgical practices of his day.
SC101 **The Dutch Janitor** — Anton Leeuwenhoek, inventor of the microscope.
SC102 **Fighter of Fire** — Alexander Latta launches the era of scientific combating of one of man's dread enemies.
SC103 **Sister of a Star** — It has often been said that a woman is behind the success of every man.
SC104 **The Birthday Microscope** — Robert Koch discovers the germ of a dread disease.
SC105 **Forgotten Man of Hamelin** — Frederick Serteurner, a forgotten man, who made life less painful through his discovery of morphine.
SC106 **The King Who Wouldn't Take a Dare** — David discovers the cause of sleeping sickness with the help of a native king.
SC107 **Prophecy of Bologna** — An ancient prophecy of an Italian town came true.

SC108	**Road to Glory** — James Loudon Macadam's invention of a road-building technique.
SC109	**The Purple Vapor** — Iodine is discovered when trying to improve gunpowder.
SC110	**On Silent Wings** — The story of John Montgomery's first flight in 1884 to later trials which eventually cost him his life.
SC111	**The Horseless Carriage** — A story of the automobile.
SC112	**The Eleventh Commandment** — Lord Kelvin rose to scientific greatness by applying his eleventh commandment to his life.
SC113	**The Peculiar Trumpet** — Reno Laennec's stethoscope.
SC114	**Riddle of the Universe** — Nicholas Copernicus overthrew the belief of the earth as the center of the solar system.
SC115	**The Marvelous Gravy** — Lazare Spallanzani, the man who first discovered where microbes came from.
SC116	**The Modest Book Binder** — Michael Faraday's career in science.
SC117	**Tomorrow Unlimited** — Jules Verne became an uncanny prophet of scientific achievements to come.
SC118	**What Happened at Peshtigo** — Two of our worst conflagrations, the Chicago Fire and the great fire at Peshtigo, Wisconsin, occurred on the same day.
SC119	**Perkin's Mistake** — The significance of this mistake on hundreds of millions of dollars worth of major industries.
SC120	**Davy Jones's Treasure** — Man's attempt to salvage treasure by the millions on the ocean floor.
SC121	**Monster of Imagination** — Gustave Eiffel built the Eiffel tower and lived off the money from visiting sightseers.
SC122	**The Troublesome Chemist** — Louis Gay Lussac was fired with the desire for scientific fame at the early age of 17.
SC123	**The Contradictory Gas** — A deadly gas, carbon monoxide, is used in thousands of ways.
SC124	**The Mother of Invention** — Andre Garnerin's invention of the parachute.
SC125	**The Violet and the Vacuum** — The story of a famous physicist, a shrinking violet among men, Robert Boyle.
SC126	**The Fabulous Feather** — Joseph Bramah, inventor of the penholder.
SC127	**Man of Steel** — William Kelly, America's first steel man.
SC128	**For Want of a Nail** — A story of the manufacture of nails.
SC129	**Joseph Swan** — One of the early pioneers in electric lamp and lighting.
SC130	**The Story of Spectacles** — Their original use and their use now.
SC131	**The Man Who Nursed Pigeons** — Nicola Tesla helped bring about the electrical age in which we live.

LET SCIENCE TELL US

Grades 4 through 8.

This series emphasizes the world arena in which modern science operates as well as the cooperative action and scientific thought processes that make achievements in science possible.

All tapes are 15 minutes in length.

CODE	TITLE AND SUBJECT MATTER
SC132	**The New Age** — Modern Science
SC133	**Paddle Wheels and Pistons** — Robert Fulton
SC134	**A World on Rails** — James Watt
SC135	**A World on Wings** — Wright, Langley
SC136	**Bumper to Bumper** — Henry Ford
SC137	**Distance Killer** — Samuel Morse
SC138	**New York Calling** — Alexander Graham Bell
SC139	**A World of Voices** — Guglielmo Marconi
SC140	**Pictures in the Air** — Television
SC141	**Lights, Camera, Action** — The Motion Picture
SC142	**Mr. Electron** — Electricity
SC143	**Food and Fulcrums** — Machines
SC144	**X-ray** — Roentgen
SC145	**Mr. Atom** — Splitting the Atom
SC146	**Atoms for Peace** — Use of Atomic Energy
SC147	**Lost in the Sky** — Galileo Galilei
SC148	**Star Men** — Navigation
SC149	**The Big Eye** — Mt. Palomar
SC150	**Discovering the Body** — William Harvey
SC151	**Microbe Masters I** — Louis Pasteur, Robert Koch
SC152	**Microbe Masters II** — Joseph Lister
SC153	**Wonder Drugs** — Penicillin
SC154	**Nerve Network** — Nervous System
SC155	**Medal for Fido** — Animal Research
SC156	**Hearts and Hands** — Heart Research
SC157	**Millions of Buyers** — The Market
SC158	**Product Probers** — Food and Drug Testing
SC159	**Career in Science** — Opportunities
SC160	**Let's Look Back** — Review

This series was written by Frederic Sederholm and supervised by Dr. C. H. Boeck, head of the science department at University of Minnesota High School.

SC161	**Looking for Facts** — Scientific Observation
SC162	**Building Stones** — Sedimentary Formation
SC163	**Fire Rocks** — Granite Quarries
SC164	**Black Gold** — Coal
SC165	**Industry Sinews** — Iron
SC166	**Liquid Power** — Petroleum
SC167	**It Blows Its Top** — Volcanoes
SC168	**Rock Crushers** — Weathering and Eroding Agents
SC169	**Old Faithful** — Bunsen and Geyser
SC170	**Science in the Tropics** — Haiti Project
SC171	**Science in the Mountains** — Switzerland

SC172 **Time Tellers** — Time Zones
SC173 **The Great White Plague** — Tuberculosis; Robert Koch
SC174 **Circuit Shooter** — Volta: The Battery
SC175 **A Law of Science** — Ohm: Electric Circuit
SC176 **Making Power** — Faraday: Generator
SC177 **Improving Man's Eyes** — Microscope (Development)
SC178 **Weather Teller** — Toncilli: Barometer
SC179 **Degrees of Heat** — Fahrenheit: Thermometer
SC180 **What We Talk About** — Weather
SC181 **The Weatherman** — Predicting and Making Weather
SC182 **Look Alikes** — Mendel: Heredity
SC183 **What Is It?** — Linnaeus
SC184 **The Bird Man** — Audubon
SC185 **Using Your Eyes and Ears** — Birds
SC186 **What Do You Believe?** — Animal Stories (Superstitions)
SC187 **What Do You Believe?** — Animal Stories (Fact or Fallacy)
SC188 **Buds and Sprouts** — Trees
SC189 **Leaf Eaters** — Insects (Caterpillars)
SC190 **Mr. Tadpole** — Frogs
SC191 **Goin' Fishin'?** — Fish
SC192 **Looking Backward** — Overview

NEW WESTINGHOUSE RECORDINGS

SC193 **Humphry Davy's Last Laugh** — As a 17 year old boy, his questions about the discovery of the pain killing nature of nitrous oxide and use of anaesthesia.

SC194 **The Missing Planet** — New Year's Eve of 1801. Guiseppe Plazzi discovered the first small planetoid — Ceres, in the space between Mars and Jupiter.

SC195 **The First Steel Plow** — A Vermont blacksmith named John Deere migrated to Illinois where he invented the first steel plow, that turned the midwest into the "Breadbasket of the World."

SC196 **Flight to the Pole** — In 1896. Salomon Andree's flight was one of the great tragedies of exploration.

SC197 **Five Million Dollars Deep** — What happens when five million dollars in gold and silver lie in 60 fathoms of water.

SC198 **Wilderness Train** — 100 years ago, a man-made monster rumbled over the horizon in the midwest and helped change the face of America.

SC199 **Episode at Falling Creek** — This program tells of the first attempt to make iron in America.

SC200 **The Flying Buzzard** — At the turn of the century Congress voted $50,000 to develop an airplane which, though it was a failure, really helped to pioneer flight.

SC201 **Mr. Wickham Plants a Seed** — The story of the planting of a seed from the Hevea tree, which founded the plantation rubber industry.

SC202 **Prison of the Dead** — Story of Christian Eijkman and the discovery of vitamin. Prisoners in Java were dying because their polished rice diet lacked a health giving substance present in brown rice.

SC203 **The Pirate's Pit** — Almost 150 years ago, 3 boys landed on Oak Island in Nova Scotia, and what they found set off a hunt for buried treasure which still remains to be found.

SC204 **The Stubborn Warrior** — Dr. Frederick G. Banting made a medical discovery that insulin would bring health and life to millions suffering from diabetes.

SC205 **David and the Dirigible** — The early experiments of David Schwartz, who lived in the forests of Croatia, helped to inspire Count Ferdinand Von Zeppelin.

SC206 **The Goldsmith Who Went to War** — A valiant fighter for liberty named Paul Revere was a quiet goldsmith from Boston who built the first copper rolling mill in the U.S. and founded an industry which still exists today.

SC207 **The Knotty Problem** — One hundred years ago, Johnny Appleby solved the problem of tying a knot by mechanical means. This made possible the grain reaper and binder now used.

SC208 **The Warning Needle** — Two men nearly lost their lives in unexplored Northern Michigan because they were following the directions of a compass needle, which was being influenced by one of the richest iron ore deposits in the world.

SC209 **The Lost Gold Mine** — Supposedly discovered in 1864, and then lost because of hostile Indians and the fading memories of the two men who survived.

SC210 **Father Time Himself** — Tells how an old clockmaker, Thomas Tomion, perfected the watch escapement that made modern timepieces possible.

SC211 **The Man Who Was Too Smart** — Robert Hooke worked on the airpump, microscope, barometer, diving bell, universal joint, and many others. Yet he had time to help Newton with his theory of gravitation.

SC212 **The Nine Lives of John Muir** — He was the father of Yosemite National Park and has among his namesakes the world's largest glacier and famous redwood forest.

SC213 **Rock of the Devil** — Eighteenth century miners of copper ores were troubled by a mysterious impurity they called kupernickel. Alex Cronstedt found it to be nickel, a most essential modern metal.

SC214 **Superman Wanted** — This program dramatizes the growth of technology and how America depends on engineers for design, plans, and the building of tomorrow. Engineers are needed badly.

SC215 **The Mysterious Marcus** — Siegfried Marcus, back in 1865, had designed a crude vehicle powered by a gasoline motor that might be called the first automobile.

SC216 **Sam's Secret** — In 1770, in Boulton, England, Samuel Crompton built one of the machines which helped revolutionize the textile industry and bring on the Industrial Revolution.

SC217 **A Pot of Iron** — In 1860, in the Mesabe Hills of Northern Minnesota, a man named Leonidas Merritt made a discovery — millions of tons of iron ore lying near the surface. It took 20 years to sell his discovery.

SC218 **The Living Element** — Pierre and Marie Curie, their study of the radiations from pitchblende which led to the discovery of radium and the beginning of the atomic age.

SC219 **The Unlucky Inventor** — Jacob Perkins, a goldsmith and diemaker whose trade disappeared when the United States quit coining money.

SC220 **The Fabulous Vagabond** — Paracelsus, the man who first brought chemistry to the aid of medicine, but was forced to live as a vagabond.

SC221 **Olaas Roemer** — Assisted in determining the speed of light through his study of moons of Jupiter.

SC222 **The Illiterate Millwright** — Born in England in 1734, he could neither read nor write but he designed mills and machinery, and a network of canals which made him famous.

SC223 **Story of Refrigeration** — A doctor named John Gorris invented the first successful ice machine, the forerunner of the modern household refrigerator.

SC224 **Dr. Harvey Cushing** — A pioneer surgeon whose skill helped usher in modern brain surgery and the development of the electric knife for brain operations.

SC225 **The Man Who Erased "Never"** — The story of Ferdinand de Lesseps, who constructed the Suez Canal with the help of candy, pastries, and macaroni.

SC226 **A Better Mousetrap** — Hiram Maxim, who invented an automatic mousetrap when only 14 years old, is best known for his invention of the automatic rifle. He also worked with smokeless powder, water sprinklers and a steam-driven airplane.

SC227 **The Giant Maker** — Joseph Bramak, was one of England's great inventors who made every man a giant through his invention of the hydraulic press which was an important contribution to 18th century science.

SC228 **The Earl of Stanhope** — Charles Mahon, the third Earl of Stanhope, devised an early steamboat, a method of fire proofing buildings, and hand printing press.

SC229 **Ernest Solvay** — The story of our most vital chemical, ordinary soda. The method of manufacturing it was invented by a young Belgian scientist, Ernest Solvay.

SC230 **Mont Pelee** — The story of the volcano which is the greatest destroyer of them all and of its devastating eruption on May 8, 1902, which buried the city of St. Pierre.

SC231 **The Plague Fighters** — This program tells how a Japanese scientist, Dr. Kitasato, and a British physician, Dr. Liston, working in India, helped conquer one of mankind's great scourges, the Black Death or bubonic plague.

SC232 **Healer with Light** — Dr. Niels Finsen of Denmark, an invalid most of his life, just discovered the therapeutic value of the actinic rays in sunlight, and its effect on smallpox and tuberculosis of the skin.

SC233 **Light of the Ages** — Roger Bacon, a monk living in 13th Century England, was a scholar whom scientists regard as the living link between the Dark Ages and our present day science and technology.

SC234 **The Salt of the Earth** — One of man's most precious possessions, a man needs 12 pounds a year. Historical battles have been waged over salt deposits. Marco Polo found salt used as money. Ten million tons are used each year.

SC235 **Venus and the Sailor** — In 1768, Lord Sandwich sponsored an expedition to the Pacific Ocean to observe the transit of Venus. Scurvy was so prevalent with sailors that Lieutenant Cook decided to try a diet of fresh fruits and vegetables for his crew. It was successful, thereby solving a great problem for ocean navigators.

SC236 **The Lonely Passenger** — After the first steamboat had crossed the Atlantic Ocean without passengers or freight, Lord Lindock bravely volunteered to ride from one European port to another to prove the safety of such a contraption.

SC237 **Story of Quinine** — A soldier in Peru was sick with malaria. He drank of a pool in the forest and was cured. It was affected by conchona bark which was in the pool. From this bark quinine was made. The anopheles mosquito was found to be the carrier.

SC238 **Clinton's Ditch** — In 1782 the city of New York was having a trying time. DeWitt Clinton was elected mayor at age 31, and later governor. The ditch was started in 1822, 363 miles long and cost $8,000,000. First great engineering task in America or the world.

SC239 **The Talking Soap Box** — Emil Berliner, an emigrant clothing salesman from Germany, had settled in Washington. He tried to imitate Bell's telephone and stumbled onto the principle of the microphone.

SC240 **Full Head of Steam**—Oliver Evans, 1775. The banker's 19 year old daughter engineered a bank loan for Oliver's steam carriage. In 1804, his 2 ton scow went to the river on wheels, by its own power.

SC241 **Cerro Bolivar** — Benjamin Franklin drew the boundary between U.S. and Canada, which included the iron ranges of Minnesota and Michigan. A mountain of solid iron ore was found in Venezuela to take the place of Minnesota's diminishing supply.

SC242 **Clang, Clang, Clang**—The Mastodon of Main Street. In 1831, John Stevenson laid the first tracks for horse drawn trolleys. In 1879, the electric trolley operated by batteries was invented in New York. In 1910, the first trackless trolley was invented.

SC243 **Yankee Mariner** — Nathaniel Bowditch, January 11, 1795. Merchant ship Henry sailed with Nathaniel. Dedicated himself to making navigation an exact science. He completed the first standard text, New American Practical Navigator, which is still used.

SC244 **The Stanley Steamer** — The story of the identical Stanley twins, Francis and Freeland, who designed a steam driven automobile. In 1899, they manufactured 200 cars that became the first commercial cars in the world. In 1906, it was the first car to run 2 miles per minute.

SC245 **The Sound Heard Round the World** — In 1831, Albany Academy, Professor Henry showed a class a telegraph he had made. Samuel Morse and Alfred Gail designed another telegraph with a sounder and key, which has been used around the world.

SC246 **The Dandy-Horse** — In 1769, Cecil Oglevie, in London, designed a bicycle. In 1816, in Paris, a dandy-horse became the rage of the continent. In 1865, the velocipede or boneshaker was sold in England. In 1876, a safety bicycle was invented and remains essentially the same today.

SC247 **The Master of Munich** — In 1834, the first completed accurate check was made on an epidemic of cholera that swept Europe. Dr. Von Pepinkoeffer took the germs himself and lived. He was the founder of hygiene and sanitation.

SC248 **Twentieth Century Cave Man** — Sir Arthur S. Woodward — Argentina and Chile border dispute brought about the discovery of a giant hairy sloth dead over 2,000 years. A skull of a woman 50,000 years old was found in Sussex.

SC249 **The Porcelain Dream** — In 1540, Bernard Pallaci was inspired by the sight of an oriental cup to make pottery, which made him famous in Europe, but he died in prison.

SC250 **The Man Who Shod the Wheel** — In 1884, Belfast, Ireland, Dr. Dunlop, a veterinarian, had a little son whose tricycle threw him to to the pavement. He designed a pneumatic tire for the tricycle and found it faster and easier to ride. In 1890 it became standard on all English and American bicycles. Horseless carriages came next.

SC251 **Too Good to Last** — In 1840 Henry Worthington built a steam canal boat but was driven off the canals. He then designed a pump that won a boat race and revolutionized the use of pumps all around the world.

SC252 **Mister Parson's Dream Boat** — In 1880 the Arizona crossed the Atlantic in 7 days 10 hours with reciprocating engine. Charles Parsons built a turbine driven boat in 1896 called Turbina, which travelled at 34½ knots. Mauratania, 800 feet long, made 26½ knots.

SC253 **Papin and the Pressure Cooker** — An experiment in pressure cooking for the British Royal Society was the beginning of steam power machines but wasn't developed until two generations later.

SC254 **Quiet, Please** — Archibald Lowe, the man who photographed sound. London underground railway was too noisy for him so he helped to silence it by tracking down the source of the noise.

SC255 **Wheel of Life** — Professor Jos Plateau of the University of Belgium at Ghent, Science of Optics. Persistency of vision. Although blind, he invented the first moving picture machine, which he called a photoscope.

SC256 **Wrong Road to Fame** — Nicholas Cuneo, 1763, steam driven cart. William Murdock invented a steam cart, which the Vicar requested him to destroy.

SC257 **Lazy Humphrey** — Thomas Newcomin invented the first steam engine to pump water from mines in England. Humphrey Potter, who had to work the valves, invented the first automatic steam valve because he'd rather go fishing.

STATE HIGH SCHOOL SPEECH CONTEST (ILLINOIS)

We have added the finals of the State High School Speech Contests from 1952 on. Please specify event and year. We can record individual speeches, groups of speeches, or the entire contests.

EVENT
Prose Reading Event
Original Oration
Extemporary Verse Reading
Oratorical Declamation
Original Monologue
Extemporary Speaking
Radio Speaking
1955 and Later: After-Dinner Speaking

SOCIAL STUDIES

"For These We Speak" (U.S. Office of Education) dealing with mental health and suited for senior high and adult groups.

All tapes are 15 minutes in length.

CODE	TITLE
SS1	The Story of Louise Mapleton (Accomplishments of a well run mental hospital. Helen Hayes)
SS2	The Case of Cynthia Edwards (Home cure for mental cases. Helen Hayes)
SS3	P. O. Gets Another Chance (Employer aid in mental recovery.)
SS4	Aunt Milly and the Family Skeleton (Mental illness is no disgrace.)
SS5	Hats Off to Sarge (Role of hospital attendants.)
SS6	Joe Chandler Gets a Lift (Psychological problems of veterans.)
SS7	The Kopec's Dilemma (Role of a mental health clinic.)
SS8	Forgotten Children (Through proper normal mental care, defectives can be useful to the community.)
SS9	The Story of Joseph Pulitzer
SS10	Story of Woodrow Wilson
SS11	Story of Jane Addams
SS12	Story of Brandeis-Holmes
SS13	Story of Joseph Goldberger
SS14	Story of Wendell Wilkie
SS15	Story of Franklin Delano Roosevelt, Part 1
SS16	Story of Franklin Delano Roosevelt, Part II
SS17	Story of Al Smith
SS18	Story of George Washington Carver

"Look What We Found" series. SS53, 57, 60, 65, 66, 67, 69, are not available for rebroadcast. Grades 4 through 8.

SS51	A Forest Ranger
SS52	A Farm at Threshing Time
SS53	The Forgotten American
SS54	The Merritts of Mesabi
SS55	A Game Warden
SS56	A Patrolman, J. G.
SS57	A Living Legend
SS58	Pictures in the Air
SS59	A Package for the People
SS60	A Lighthouse Keeper
SS61	Little Christmas
SS62	Scads and Scads of Christmas Gifts
SS63	Holiday Hymn
SS64	The Feast of Lights
SS65	Printer's Ink
SS66	Lions, and Tigers and Monkeys, Too
SS67	The Great Gold Rush
SS68	Four Keys for Living
SS69	An Assembly Line
SS71	A Page from History
SS72	Trains! Trains! Trains!
SS73	Kites for Kids
SS74	His Excellency, the Governor
SS75	Jelly Beans and Chocolate Drops
SS76	An Easter Prayer
SS77	Junior Artists
SS78	A Midnight Ride
SS79	Batter Up!
SS80	A Fish Story

The following 13 programs were produced by radio station KUOM, University of Minnesota as part of their "Folklore Makes History" series. They are a blending of history and English that will make them suited to use in either group and in fusion courses. They are a combination of narration and dramatization with the narration done by Dr. Phillip Jordan, Professor of History at the University of Minnesota.

All tapes are 15 minutes in length.

SS83	The Strange Sickness of Babe, the Blue Ox (Paul Bunyan)
SS84	Major Jones Pops the Question (Southern Gallantry)
SS85	The Perfect Crime of Jesse James (Frontier Legend)
SS86	The Mystery of the Marie Celeste (Sea Legends)
SS87	The Monn's Quaker Hat (Quaker Legend)
SS88	Anna Robinson, Scullery Maid (The Cinderella Legend)
SS89	University Days (Modern Satire)
SS90	The Death of Wild Bill Hickock (Frontier Tragedy)
SS91	The Public Landing (Frontier Politics)
SS92	The Snipe Hunt (Frontier Humor)
SS93	Simon the Seller (Folk Tales of Horatio Alger)
SS94	The Albino Crow (Newspaper Yarn)
SS95	The Baker's Dozen (Holiday Legend)

All tapes are 30 minutes in length.

SS96 **The New Canada**
SS97 **Let's Celebrate.** Minnesota has a large number of days ranging from the Acquatennial to "Box Car Day" in Tracy.
SS98 **The Kensington Rune Stone.** This is a recorded interview with Olof Ohman, the man who, as a small boy, found this controversial relic on his father's farm. This program may be used to good advantage with the program of the same name listed under the "Adventures in Research" series in the science section.
SS99 **President Truman's State of the Union Message, January 4, 1950,** *45 minutes.*
SS100 **President Truman's Korea Message, July 15, 1950.**

The following programs have been made available on tape transcription through the courtesy of the National Broadcasting Company and their Twin Cities outlet station, KSTP. Permission to duplicate these programs for classroom use has been granted by Mr. George Heller of AFRA and Mr. Caeser Petrillo of AFM.

All tapes are 30 minutes in length.

"AMERICA UNITED"

SS101 **Report on Korea** — an account of what the United Nations is doing about Korea.
SS102 **How to Save Asia** — what can we do?
SS103 **Is Agriculture Prepared?** — for war.

"UNIVERSITY OF CHICAGO ROUND TABLE"

SS104 **Understand Nutrition and Live Longer**
SS105 **Great Ideas of the Ages** — great ideas from 443 "Great" books by 74 authors.
SS106 **What Do We Know About Psychoanalysis?**
SS107 **The Schumann Plan** — what it means to Europe and Britain.
SS108 **Psychological Techniques** — will they prevent war?
SS109 **Korea** — what are the people and countryside like?
SS110 **Views of a United World** — is it possible?
SS111 **Security and Arms Control** — can it be done?
SS112 **Turning World Resources to World Welfare**

"AMERICAN FORUM OF THE AIR"

SS113 **Is Boxing Legalized Murder?**
SS115 **The Railroad Labor Crisis** — what can we do to stop Railroad strikes?
SS116 **Our Transportation System** — is it good or bad?
SS117 **Social Security** — how far should government go and what responsibility should industry take?
SS118 **National Security** — can we get it?
SS119 **Is the Constitution a Modern Instrument of Government?**
SS121 **What Does Little Business Want?**
SS122 **What Does CVA Mean to You?** — is it vital?

"LIVING — 1950"

SS123 **Divine Form** — changing styles in the feminine figure.
SS124 **What's Happened to the Horse?** — social history of the times.
SS125 **The National Wish Book** — picture of the American culture pattern as contained in the Sears Roebuck catalogs between 1905 and 1935.
SS126 **Incredible Tales** (book) Gerold Johnson — the story of our world wars.
SS127 **Hot Enough for You?** — a story about the sun.
SS128 **Hello Sucker** — behind the scenes of gambling.
SS129 **Quarters in the Balance** — the Korean War.
SS130 **Pin Point Berlin** — what is happening there?

"THE QUICK AND THE DEAD"

SS131 **The Atomic Bomb** — Bob Hope is interested. 30 minutes
SS132 **Hydrogen Bomb** — its possibilities. 60 minutes
SS133 **A Forum on the Far East** — George Grim and Harold S. Quigley. 15 minutes

"LOOK WHAT WE FOUND"

Grades 4 through 8

This series follows no single subject matter field, but contributes to many areas of prime educational value to children. Considers through interview, drama, music and narration, areas of interest to children within the concepts of the Four Freedoms: Freedom of Speech, Freedom of Religion, Freedom from Fear, Freedom from Want. The primary objectives of the series are general enrichment, deeper understanding of human relationships, expanding horizons, and an examination of community resources especially intended for children.

All tapes are 15 minutes in length.

SS148 **Far Horizons** — Balboa
SS149 **Peacetime Army** — Salvation Army
SS150 **A Lonely Traveler** — Roger Williams, 1635
SS151 **Barter and Banks** — Money
SS152 **The Biggest Family in the World** — United Nations Day, October 24
SS153 **House of Learning** — Education Week, November 5-11
SS154 **A Man Who Could Dream** — Woodrow Wilson
SS155 **Stacks and Stacks of Books** — Book Week

SS156 Outpost of History — Grand Portage, Minn.
SS157 Flight into the Future — Charles Lindbergh 1927
SS158 Mountains of Mail — The Post Office
SS159 Twentieth Century Pilgrims — The Holy Year
SS160 Voyage of Hope — The Pilgrims
SS161 Journey Westward — The Mormons
SS162 The Peacemakers — The Quakers
SS163 A Brand New Citizen — Immigrants
SS164 Victory over Fear — Franklin Roosevelt
SS165 The Enemy Whose Bite Was Death — Yellow Fever
SS166 The Man Who Printed the Truth — Zenger Case 1734-1735
SS167 The Freedom Paper — 1215 A.D. — Magna Charta
SS168 A Mighty Document — The U.S. Constitution
SS169 Baskets and Backboards — Basketball Season
SS170 The Pony Express — Pioneer Communication
SS171 Flying Words — Radio
SS172 The Top of a Cop — Policeman
SS173 Border Patrol — Customs Officials
SS175 Exodus, 1951 — Passover
SS176 Those Who Serve in White — Hospitals

"THE WORLD OF IDEAS"

Grades 4 through 8

These programs attempt to document idea areas important in today's thinking: What Other People Think of Us, The Problem of the American Indian, The Importance of Considered Judgment, and the Cost of Freedom. The last twelve programs in this series, which have been broadcast by KUOM, University of Minnesota, were made available through the courtesy of Josephine Wetzler, director of School Time, Station WLS, Chicago. This "Atomic Energy" series has been used in the Chicago schools and is recommended for grades five through nine.

All tapes are 15 minutes in length.

COMMENTS AND CRITICISMS

SS179 "What Others Think"
SS180 "Sherlock from Asia" — Interview with an Indian Student
SS181 "Confused Clues" — Interview with a German Student
SS182 "Good Neighbors Go Sleuthing" — Interview with a South American Student
SS183 Penny and Paul: Find the Clues — Review and Introduction
SS184 "The Case of the Vanishing American" — The American Indian in History
SS185 "Solution Unknown" — Indian Life in a Large City
SS186 "The Mystery That Wasn't" — Interview with an American Indian
SS187 "Pieces of the Puzzle" — Life On Indian Reservations
SS188 Penny and Paul: Something New — Review and Introduction

THE SILENT MOMENT

SS189 "The Good Neighbor" — Franklin Roosevelt
SS190 "He Dared to Love His Country" — David Crockett
SS191 "A Walk at Midnight" — Abraham Lincoln
SS192 "Blessed Are the Peacemakers" — Ralph Bunche
SS193 Penny and Paul: Remember What's Important! — Review and Introduction

DUTY WAS THEIR CONSCIENCE

SS194 "The Eagle of San Domingo" — Toussainte L'Ouverture
SS195 "For Him — No Escape" — Socrates
SS196 "I Sail for Liberty" — John Ordronaux
SS197 "Lost Letter"
SS198 Penny and Paul: Ideas Seem So Big — Review and Introduction

NEW PATRIOTIC RECORDINGS

SS208 The Flag of the United States of America — It begins with the Pilgrims, and then the Minute Man holding his ground at Concord and Lexington. Washington, Jefferson and Franklin are brought in, as well as John Marshall laboring as Chief Justice to establish this government of laws. Written by Floyd and Leila Whitney. Narrated by Franklyn MacCormack.
SS209 The Republic for Which It Stands — Companion to the Flag of the United States of America. A special reading that stirs young people with a new understanding of America and love of their flag.
SS210 The Gettysburg Address — Beautifully spoken, with all the inspiration and simplicity of that great speech.
SS211 American Patriots Speak — Timely quotations from Lincoln, Webster, and Washington.

UNIVERSITY OF ILLINOIS BAND

The world-famous University of Illinois band has released some of its finest selections for use by the Audio-Visual Aids Tapes for Teaching Service. This is an outstanding musical offering in every sense of the word.

Anderson: Belle of the Ball; Serenata; Sleigh Ride; Horse and Buggy
Bach: Prelude, Chorale, and Fugue
Beethoven: Egmont Overture; Polonaise; Elossaise
Bennet, D.: Lilt of the Latin
Bennett, R. R.: Suite of the Old American

Brahms: Variations on a Theme by Haydn
Copland: Lincoln Portrait
Creston: Zanoni
Davidson: Auto Accident
Drews: Festival
Fauchet: Symphony in B flat
Franck, C.: Psyche and Eros
Gershwin: Two songs from Porgy and Bess
Gillis: Portrait of a Frontier Town
Goldman: America; Anniversary; Chimes of Liberty; Happy-Go-Lucky; Illinois; On the Mall
Guild: Illinois Loyalty
Illinois: Three in One
Ingalls: Andante
Jacob: Music for a Festival
Kachiturian: Masquerade Suite
Kalinnikov: Scherzo, Symphony No. 1
Liszt: Les Preludes
Mac Dowell: Sea Pieces
McDonald: Rhumba, Symphony No. 2
Mehnl: Overture in F
Persichetti: Divertimento
Richards: Crusade for Freedom
Rogers: The King and I (Selections)
Saint-Saens: March Militaire Francaise
Schubert: Ave Maria
Schumann: George Washington Bridge; Newsreel Suite (five shots)
Sharman: Concert in the Park
Skinner: The Shawl Dance; Tap Roots
Sousa: George Washington Bi-centennial; The Gridiron Club; The Stars and Stripes Forever
Strauss: Dance of the Seven Veils, from Salome; Waltzes from Der Rosenkavalier
Wagner: Brunnhilde's Awakening; Entry of the Gods into Valhalla; Die Meistersinger Overture; Invocation of Alberich
Weinberger: Polka and Fugue from Schwanda

WINGS OVER ILLINOIS: AVIATION TAPES

These programs first appeared on University of Illinois Radio Station WILL as part of the "Wings Over Illinois" series. They are directed mainly at exploring opportunities for careers in the various branches of the aviation industry.

Age level is high school. All tapes are 15 minutes in length.

AIR-1	**Aeronautical Engineering as a vocation**
AIR-2	**Air Force R.O.T.C.**
AIR-3	**Airline Captain: Responsibilities and opportunities as a pilot**
AIR-4	**Helicopter service and opportunities**
AIR-5	**Electrical Engineering as a vocation**
AIR-6	**Meteorology as a vocation**
AIR-7	**Aviation career and industrial education**

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Institution

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Borrower's Name

____
Street Address

____
City and State

BILLING INSTRUCTIONS:

____
Individual or Institution (If school please give district number)

____
Official to be addressed

____
Street Address

____
City and State

Substitution may be made as to date..... Yes_____ No_____; as to title..... Yes_____ No_____

Please observe the following restrictions or vacation schedule____________________

____

____________________ Invoice us for these films ( ) Apply these on our Club Membership ( )

HELPS IN ORDERING

1. Order as early as possible — use this application.
2. List films in chronological order.
3. Place but one film on a line — use complete, correct titles.
4. Specify when films are desired in color.

FILM TITLE	Reference number	Dates Requested		DO NOT FILL IN		
		1st choice	2nd choice	Shipping date	Use date or dates	

(Continue on reverse side)

FILM TITLE	Reference number	Dates Requested		DO NOT FILL IN		
		1st choice	2nd choice	Shipping date	Use date or dates	

UNIVERSITY OF ILLINOIS · DIVISION OF UNIVERSITY EXTENSION · VISUAL AIDS SERVICE · CHAMPAIGN, ILLINOIS · TEL. 7-6611, EXT. 518, 519, OR 3360

APPLICATION FOR FILM BOOKINGS

Date____________________ Patron's Order No.____________________

SHIPPING INSTRUCTIONS:	**BILLING INSTRUCTIONS:**
Institution	Individual or Institution (If school please give district number)
Borrower's Name	Official to be addressed
Street Address	Street Address
City and State	City and State

Substitution may be made as to date..... Yes_____ No_____; as to title..... Yes_____ No_____

Please observe the following restrictions or vacation schedule____________________

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____________________ Invoice us for these films ( ) Apply these on our Club Membership ( )

HELPS IN ORDERING

1. Order as early as possible — use this application.
2. List films in chronological order.
3. Place but one film on a line — use complete, correct titles.
4. Specify when films are desired in color.

FILM TITLE	Reference number	Dates Requested		DO NOT FILL IN		
		1st choice	2nd choice	Shipping date	Use date or dates	

(Continue on reverse side)

FILM TITLE	Reference number	Dates Requested		DO NOT FILL IN		
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UNIVERSITY OF ILLINOIS · DIVISION OF UNIVERSITY EXTENSION · VISUAL AIDS SERVICE · CHAMPAIGN, ILLINOIS · TEL. 7-6611, EXT. 518, 519, OR 3360

APPLICATION FOR FILM BOOKINGS

Date________________ Patron's Order No.________________

SHIPPING INSTRUCTIONS:

Institution

Borrower's Name

Street Address

City and State

BILLING INSTRUCTIONS:

Individual or Institution (If school please give district number)

Official to be addressed

Street Address

City and State

Substitution may be made as to date..... Yes_____ No_____; as to title..... Yes_____ No_____

Please observe the following restrictions or vacation schedule________________

Invoice us for these films ( ) Apply these on our Club Membership ( )

HELPS IN ORDERING

1. Order as early as possible — use this application.
2. List films in chronological order.
3. Place but one film on a line — use complete, correct titles.
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(Continue on reverse side)

FILM TITLE	Reference number	**Dates Requested**		**DO NOT FILL IN**		
		1st choice	2nd choice	Shipping date	Use date or dates	

UNIVERSITY OF ILLINOIS · DIVISION OF UNIVERSITY EXTENSION · VISUAL AIDS SERVICE · CHAMPAIGN, ILLINOIS · TEL. 7-6611, EXT. 518, 519, OR 3360

APPLICATION FOR FILMSTRIP LOANS

Patron's Purchase Order No.__________ Date__________ V. A. S. Serial No.__________ (Do not fill in)

SHIPPING INSTRUCTIONS:

____
Borrower's Name

____
Institution

____
Street Address

____
City and State

BILLING INSTRUCTIONS:

____
Individual or Institution (If school please give district number)

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Official to be addressed

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Street Address

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City and State

IF FILMSTRIPS ARE NOT AVAILABLE FOR DATES LISTED: Substitutions may be made as to date..... Yes_____ No_____; as to title..... Yes_____ No_____

In making substitutions please observe the following restrictions or schedule______________________________

______________________________ NOTE: FILMSTRIPS ARE 35 MM.

In accordance with rules governing the service (in current catalog) please reserve the following filmstrips:

FILMSTRIP TITLE	Week Requested		DO NOT FILL IN (These three columns are to be filled in by V. A. S.)			
	1st choice	2nd choice	Shipping date	Use date or dates	Reference number	

(Continue on reverse side)

FILMSTRIP TITLE	Week Requested		DO NOT FILL IN (These three columns are to be filled in by V. A. S.)			
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UNIVERSITY OF ILLINOIS · DIVISION OF UNIVERSITY EXTENSION · VISUAL AIDS SERVICE · CHAMPAIGN, ILLINOIS · TEL. 7-6611, EXT. 518, 519, OR 3360

APPLICATION FOR FILMSTRIP LOANS

Patron's Purchase Order No.__________ Date__________ V. A. S. Serial No.__________ (Do not fill in)

SHIPPING INSTRUCTIONS:

Borrower's Name

Institution

Street Address

City and State

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NIVERSITY OF ILLINOIS · DIVISION OF UNIVERSITY EXTENSION · VISUAL AIDS SERVICE · CHAMPAIGN, ILLINOIS · TEL. 7-6611, EXT. 518, 519, OR 3360

APPLICATION FOR TAPE RECORDINGS

Patron's Purchase Order No.____________________ **Date**____________________

SHIPPING INSTRUCTIONS:

Institution

Patron's Name

Street Address

City and State

BILLING INSTRUCTIONS:

Individual or Institution (If school please give district number)

Official to be addressed

Street Address

City and State

WE ARE SENDING YOU UNDER SEPARATE COVER____________________BLANK TAPES

WE WISH TO PURCHASE____________________BLANK TAPES

(Type A, B, Paper, Plastic, Professional, Standard, Other)

OF____________________FOOT LENGTH__________

FOR RECORDINGS OF THE FOLLOWING TAPE PROGRAMS

IDENTIFICATION CODE	TITLES	RUNNING TIME	RECORDING PRICE	WHEN NEEDED	
	LIST ANY ADDITIONAL CHARGES ON THE BACK				

Total charge for recordings	
Charge for tapes (if any)	
Total Charges	

MY EQUIPMENT OPERATES AT 1⅞", 3¾", 7½", OR 15" PER SEC. (CIRCLE APPROPRIATE RUNNING SPEED)

NAME OF EQUIPMENT____________________ **MODEL NUMBER**____________________

UNIVERSITY OF ILLINOIS · DIVISION OF UNIVERSITY EXTENSION · VISUAL AIDS SERVICE · CHAMPAIGN, ILLINOIS · TEL. 7-6611, EXT. 518, 519, OR 3360

APPLICATION FOR TAPE RECORDINGS

Patron's Purchase Order No. ______________________ **Date** ______________

SHIPPING INSTRUCTIONS:

Institution

Patron's Name

Street Address

City and State

BILLING INSTRUCTIONS:

Individual or Institution (If school please give district number)

Official to be addressed

Street Address

City and State

WE ARE SENDING YOU UNDER SEPARATE COVER ______________ BLANK TAPES

WE WISH TO PURCHASE ______________ BLANK TAPES

(Type A, B, Paper, Plastic, Professional, Standard, Other)

OF ______________ FOOT LENGTH ______________

FOR RECORDINGS OF THE FOLLOWING TAPE PROGRAMS

IDENTIFICATION CODE	TITLES	RUNNING TIME	RECORDING PRICE	WHEN NEEDED	
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NAME OF EQUIPMENT ______________________ **MODEL NUMBER** ______________

UNIVERSITY OF ILLINOIS · DIVISION OF UNIVERSITY EXTENSION · VISUAL AIDS SERVICE · CHAMPAIGN, ILLINOIS · TEL. 7-6611, EXT. 518, 519, OR 3360

APPLICATION FOR TAPE RECORDINGS

Patron's Purchase Order No.________________________ Date________________

SHIPPING INSTRUCTIONS:

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Patron's Name

Street Address

City and State

BILLING INSTRUCTIONS:

Individual or Institution (If school please give district number)

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Individual or Institution (If school please give district number)

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NAME OF EQUIPMENT ______________________ MODEL NUMBER ______________

UNIVERSITY OF ILLINOIS · DIVISION OF UNIVERSITY EXTENSION · VISUAL AIDS SERVICE · CHAMPAIGN, ILLINOIS · TEL. 7-6611, EXT. 518, 519, OR 3360

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Total Charges	

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NAME OF EQUIPMENT____________________ MODEL NUMBER____________

UNIVERSITY OF ILLINOIS · DIVISION OF UNIVERSITY EXTENSION · VISUAL AIDS SERVICE · CHAMPAIGN, ILLINOIS · TEL. 7-6611, EXT. 518, 519, OR 3360

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UNIVERSITY OF ILLINOIS · DIVISION OF UNIVERSITY EXTENSION · VISUAL AIDS SERVICE · CHAMPAIGN, ILLINOIS · TEL. 7-6611, EXT. 518, 519, OR 3360

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WE WISH TO PURCHASE______________________________BLANK TAPES

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(Type A, B, Paper, Plastic, Professional, Standard, Other)

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FOR RECORDINGS OF THE FOLLOWING TAPE PROGRAMS

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MY EQUIPMENT OPERATES AT 1⅞″, 3¾″, 7½″, OR 15″ PER SEC. (CIRCLE APPROPRIATE RUNNING SPEED)

NAME OF EQUIPMENT____________________________ MODEL NUMBER________________

UNIVERSITY OF ILLINOIS · DIVISION OF UNIVERSITY EXTENSION · VISUAL AIDS SERVICE · CHAMPAIGN, ILLINOIS · TEL. 7-6611, EXT. 518, 519, OR 3360

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NAME OF EQUIPMENT____________________ MODEL NUMBER____________

VISUAL AIDS SERVICE
DIVISION OF UNIVERSITY EXTENSION
UNIVERSITY OF ILLINOIS
CHAMPAIGN, ILLINOIS

VISUAL AIDS SERVICE
DIVISION OF UNIVERSITY EXTENSION
UNIVERSITY OF ILLINOIS

Gentlemen:

Please send me Guides to Audio-Visual Education at ($3.50, Paper) ($5.00, Cloth) per Copy.

NAME______________________________________

ADDRESS____________________________________

CITY____________________**STATE**_______________

to Audio-Visual Education. Additional copies are available to you at a cost of $3.50 paper bound, $5.00 cloth bound each.

VISUAL AIDS SERVICE
DIVISION OF UNIVERSITY EXTENSION
UNIVERSITY OF ILLINOIS, CHAMPAIGN, ILLINOIS
TEL. 7-6611, EXT. 518 OR 519

UNIVERSITY OF ILLINOIS-URBANA
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